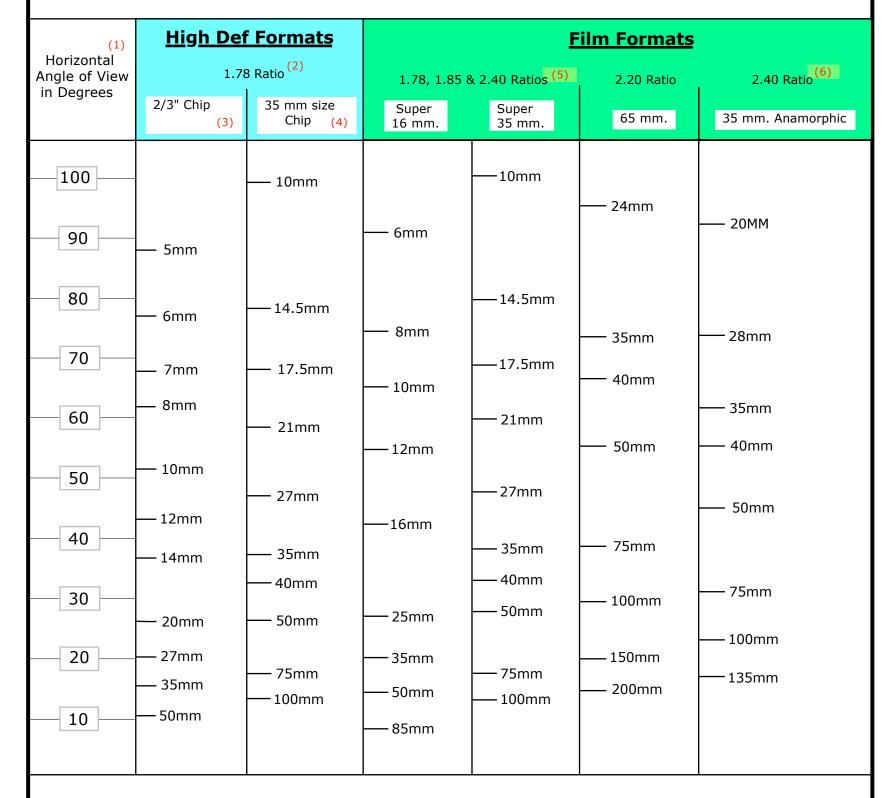
Lens Focal Length Comparison Chart



NOTES:

- 1. The Vertical Angle of View is found by dividing the Horizontal angle by the specific aspect ratio, i.e. 1.78.
- 2. This format is sometimes referred to as 1.77. The original patent called for a 1.78 ratio although the actual ratio is 1.778.
- 3. This size chip is used in the Panavision® and Sony® 24P camera as well as the SI-2K™ and the Thompson Viper™. This chip is about the same size as a Super 16 film frame.
- 4. This chip size allows a cinematographer to use lens focal lengths similar to those for 35mm film. Cameras with this size chip include the Panavision® Genesis™, The The Arriflex® D-21™, the Sony® F35™, the Dalsa® Origin™ and the RED™ camera. Unlike the Super 35mm format, there is some cropping of the frame width when shooting for a 1.85 or 2.4 ratio.
- 5. Only the vertical Angle of View is different in these formats. the overall frame width remains the same.
- 6. This aspect ratio is variably referred to as 2.35, 2.39 or 2.4. They are all referring to the same thing. It was 2.35 until 1970 and then changed to 2.4.

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