

Converting Colors

CIELCh(35, 1.866, 182.994)

Have a look what the booklet for
CIELCh(35, 1.866, 182.994) contains.

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Color

CIELCh(35, 1.820, 179.265)

Conversions

Conversions Part 1

Format	Color
Hex	4F5352
RGB	79, 83, 82
RGB Percent	31%, 33%, 32%
CMY	0.6894, 0.6738, 0.6777
CMYK	0.05, 0.00, 0.01, 0.67
HSL	165°, 2%, 32%
HSV	165°, 5%, 33%
XYZ	7.8785, 8.4984, 9.2459
YIQ	81.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

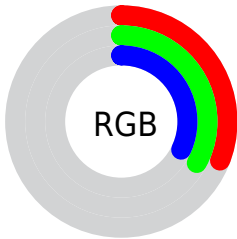
Format	Color
R_YB	79, 81, 83
Decimal	5198674
CIE Lab	35.00, -1.82, 0.02
CIE LCh	35, 1.820, 179.265
Yxy	8.4984, 0.3075, 0.3317
Android (android.graphics.Color)	4283388754 (0xFF4F5352)
YUV	81.6900, 0.1528, -2.3591
Hunter-Lab	29.1520, -2.7752, 1.6018

Details

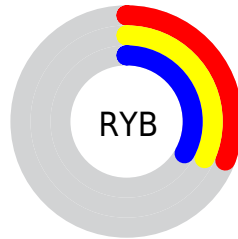
The CIELCh color **35, 1.820, 179.265** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34, 1.851, 359.760**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 1.678, 179.471**, and **15, 1.619, 173.227** is the 20% darker color. If you saturate the color by 10%, you get **34, 5.560, 178.294**, and if you desaturate by 10%, it is **36, 1.980, 359.778**.

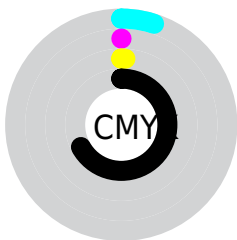
Distribution



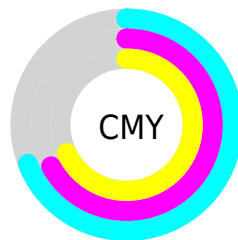
- Red (31%)
- Green (33%)
- Blue (32%)



- Red (31%)
- Yellow (32%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (67%)



- Cyan (69%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 1.820, 179.265 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 35, 1.820, 179.265 by changing the saturation by 10% instead.

■ 35, 1.820, 179.265

■ 35, 1.820, 179.265

■ 100, 1.820,
179.265

■ 25, 1.820, 179.265

■ 55, 1.820, 179.265

■ 15, 1.820, 179.265

■ 65, 1.820, 179.265

■ 5, 1.820, 179.265

■ 75, 1.820, 179.265

■ 0, 1.820, 179.265

■ 85, 1.820, 179.265

■ 95, 1.820, 179.265

■ 35, 1.820, 179.265

■ 35, 1.820, 179.265

■ 34, 5.560, 178.294

■ 36, 1.980, 359.778

■ 34, 9.193, 177.373

■ 37, 5.808, 0.641

■ 33, 12.674,
176.402

■ 38, 9.633, 1.402

■ 32, 15.948,
175.362

■ 39, 13.434, 2.124

■ 40, 17.191, 2.818

■ 32, 18.964,
174.238

■ 41, 20.895, 3.486

■ 32, 21.671,
173.010

■ 42, 24.535, 4.131

■ 43, 28.107, 4.755

■ 31, 24.031,
171.660

■ 44, 31.609, 5.358

■ 31, 26.020,
170.170

■ 31, 27.734,
168.613

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35, 1.820, 179.265



34, 1.851, 359.760

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35, 1.820, 179.265



35, 1.820, 229.265



35, 1.820, 359.265



35, 1.820, 49.265

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35, 1.821, 179.245



45, 0.465, 180.085



35, 2.805, 136.629



22, 0.261, 180.172



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35, 1.821, 179.245



45, 2.796, 179.097



35, 1.416, 223.785



16, 1.456, 179.108



39, 33.866, 167.222



82, 62.032, 165.727

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34, 1.851, 359.760



43, 2.853, 359.913



34, 1.451, 43.056



15, 1.485, 359.901



20, 45.782, 22.118



49, 84.406, 26.356

Previews

White Background



This preview shows how the CIE LCh color 35, 1.820, 179.265 looks on a white background.

Color Contrast Check

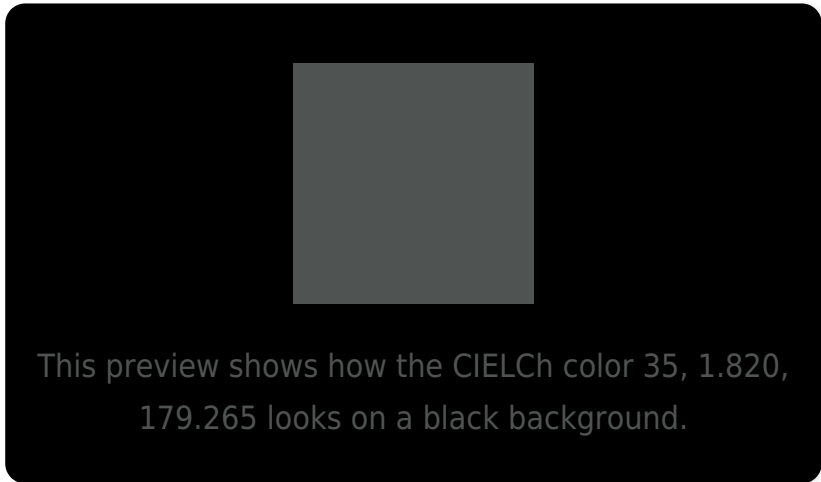
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

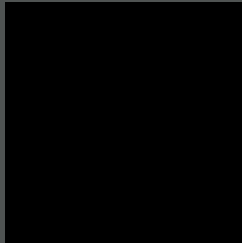
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

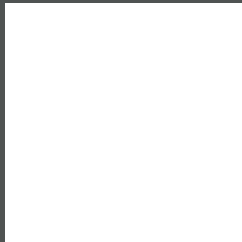
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 1.820, 179.265

Background



This preview shows how black text looks on a background with the CIELCh color 35, 1.820, 179.265.

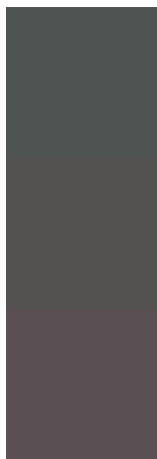


This preview shows how white text looks on a background with the CIELCh color 35, 1.820, 179.265.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

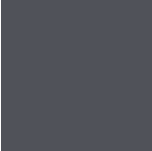
35, 1.820, 179.265

Protanopia

35, 1.058, 55.193

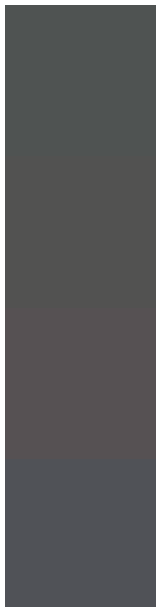
Deuteranopia

35, 4.732, 356.884



Tritanopia
35, 4.434, 280.187

Trichromacy



Original Color

35, 1.820, 179.265

Protanomaly

35, 0.618, 110.018

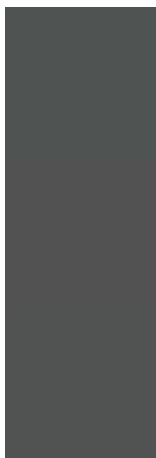
Deuteranomaly

35, 2.500, 349.792

Tritanomaly

35, 3.219, 275.705

Monochromacy



Original Color

35, 1.820, 179.265

Achromatopsia

35, 0.005, 296.813

Achromatomaly

35, 0.427, 200.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 1.820, 179.265 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(79, 83, 82)` looks like.

```
.text, #text, p{  
    color:rgb(79, 83, 82)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(79, 83, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 83, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 1.820, 179.265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 83, 82) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(79, 83, 82) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(79, 83, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 83, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 83, 82);  
box-shadow:4px 4px 4px 4px rgb(79, 83, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 1.820, 179.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 83, 82) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(79, 83,  
82) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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