

Converting Colors

CIELCh(35, 5.225, 51.024)

Have a look what the booklet for
CIELCh(35, 5.225, 51.024) contains.

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Color

CIELCh(35, 5.117, 48.913)

Conversions

Conversions Part 1

Format	Color
Hex	5A504C
RGB	90, 80, 76
RGB Percent	35%, 31%, 30%
CMY	0.6458, 0.6851, 0.7008
CMYK	0.00, 0.11, 0.16, 0.65
HSL	17°, 8%, 33%
HSV	17°, 16%, 35%
XYZ	8.4539, 8.4984, 8.0883
YIQ	82.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

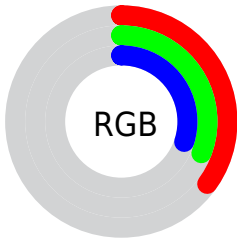
Format	Color
R_{YB}	90, 82, 76
Decimal	5918796
CIE Lab	35.00, 3.36, 3.86
CIE LCh	35, 5.117, 48.913
Yxy	8.4984, 0.3376, 0.3394
Android (android.graphics.Color)	4284108876 (0xFF5A504C)
YUV	82.5340, -3.2213, 6.5477
Hunter-Lab	29.1520, 0.7477, 3.9561

Details

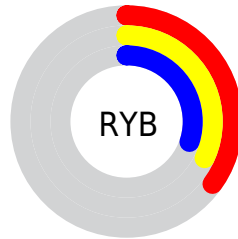
The CIELCh color **35, 5.117, 48.913** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 4.714, 230.918**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 5.018, 46.852**, and **15, 5.035, 53.985** is the 20% darker color. If you saturate the color by 10%, you get **33, 8.724, 48.493**, and if you desaturate by 10%, it is **37, 1.754, 49.338**.

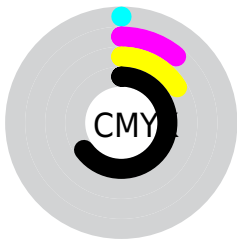
Distribution



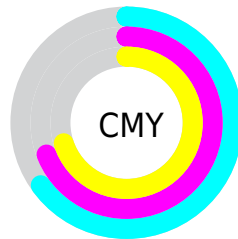
- Red (35%)
- Green (31%)
- Blue (30%)



- Red (35%)
- Yellow (32%)
- Blue (30%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 5.117, 48.913 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, 5.117, 48.913 by changing the saturation by 10% instead.

 35, 5.117, 48.913  35, 5.117, 48.913

 100, 5.117, 48.913  25, 5.117, 48.913

 55, 5.117, 48.913  15, 5.117, 48.913

 65, 5.117, 48.913  5, 5.117, 48.913

 75, 5.117, 48.913  0, 5.117, 48.913

 85, 5.117, 48.913

 95, 5.117, 48.913

 35, 5.117, 48.913  35, 5.117, 48.913

 33, 8.724, 48.493  37, 1.754, 49.338

 31, 12.596, 48.124  39, 1.385, 230.272

■ 29, 16.745, 47.847

■ 42, 4.325, 230.722

■ 27, 21.172, 47.680

■ 44, 7.087, 231.306

■ 25, 25.852, 47.628

■ 46, 9.690, 231.914

■ 23, 30.715, 47.665

■ 48, 12.154,
232.528

■ 22, 35.470, 47.507

■ 51, 14.494,
233.141

■ 20, 39.268, 46.352

■ 20, 40.894, 46.002

■ 53, 16.726,
233.746

■ 55, 18.862,
234.341

Harmonies

Complementary

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



35, 5.117, 48.913



36, 4.714, 230.918

Rectangle

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



35, 5.117, 48.913



35, 5.117, 98.913



35, 5.117, 228.913



35, 5.117, 278.913

Sweetspot

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



35, 5.117, 48.928



48, 1.972, 49.346



34, 8.703, 334.573



24, 1.334, 49.336



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



35, 5.117, 48.928



44, 7.889, 48.745



37, 6.875, 97.716



18, 1.829, 49.223



25, 48.942, 46.969



54, 90.699, 46.262

Inverse Universe

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



36, 4.714, 230.918



46, 7.097, 231.254



34, 6.972, 281.196



18, 1.750, 230.462



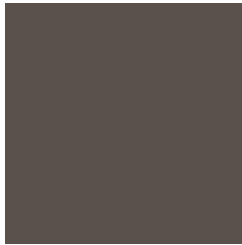
31, 25.263, 250.845



65, 45.667, 254.296

Previews

White Background



This preview shows how the CIELCh color 35, 5.117, 48.913 looks on a white background.

Color Contrast Check

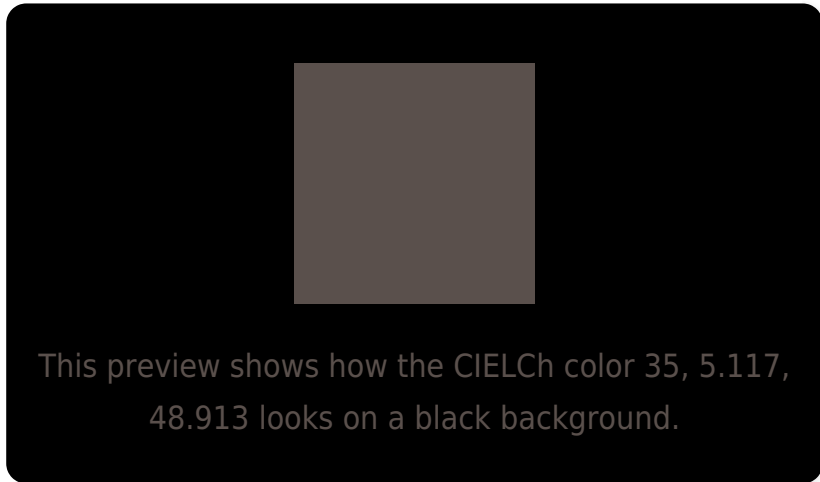
Large Text (above 18pt) WCAG AA ✓ Pass

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

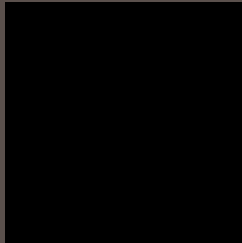
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

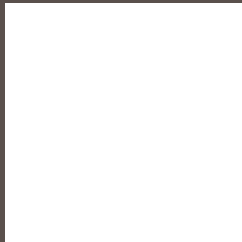
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 5.117, 48.913

Background



This preview shows how black text looks on a background with the CIELCh color 35, 5.117, 48.913.



This preview shows how white text looks on a background with the CIELCh color 35, 5.117, 48.913.

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, 5.117, 48.913

Protanopia

35, 3.369, 86.524

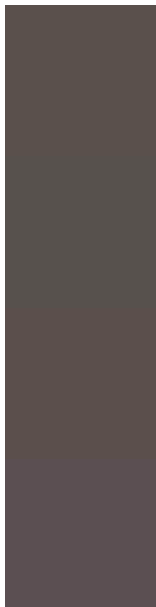
Deuteranopia

35, 6.126, 37.832



Tritanopia
35, 6.396, 344.647

Trichromacy



Original Color
35, 5.117, 48.913

Protanomaly
35, 3.632, 62.759

Deuteranomaly
35, 5.691, 39.179

Tritanomaly
35, 5.564, 0.652

Monochromacy



Original Color
35, 5.117, 48.913

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 1.839, 39.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 5.117, 48.913 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(90, 80, 76)` looks like.

```
.text, #text, p{  
    color:rgb(90, 80, 76)  
}
```

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(90, 80, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 80, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 5.117, 48.913 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(90, 80, 76) }
```

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

```
.border{ border-color:rgb(90, 80, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 80, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 80, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 80, 76);  
box-shadow:4px 4px 4px 4px rgb(90, 80, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 5.117, 48.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 80, 76) }
```

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

```
.background{ background-color: rgb(90, 80,  
76) }
```

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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