

Converting Colors

CIELCh(32, 5.822, 317.665)

Have a look what the booklet for
CIELCh(32, 5.822, 317.665) contains.

CIELCh(32, 5.716, 317.659)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(32, 5.716, 317.659)

Conversions

Conversions Part 1

Format	Color
Hex	4F4951
RGB	79, 73, 81
RGB Percent	31%, 29%, 32%
CMY	0.6889, 0.7124, 0.6810
CMYK	0.02, 0.10, 0.00, 0.68
HSL	285°, 5%, 30%
HSV	285°, 10%, 32%
XYZ	7.1553, 7.0852, 8.8420
YIQ	75.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

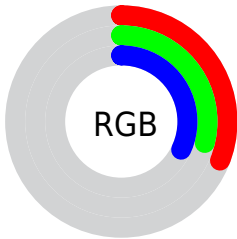
Format	Color
RYB	79, 73, 81
Decimal	5196113
CIELab	32.00, 4.22, -3.85
CIELCh	32, 5.716, 317.659
Yxy	7.0852, 0.3100, 0.3069
Android (android.graphics.Color)	4283386193 (0xFF4F4951)
YUV	75.7060, 2.6099, 2.8888
Hunter-Lab	26.6180, 1.4018, -1.0626

Details

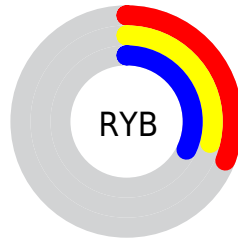
The CIELCh color **32, 5.716, 317.659** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 5.677, 136.918**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 5.245, 317.518**, and **12, 6.518, 318.005** is the 20% darker color. If you saturate the color by 10%, you get **29, 11.616, 318.064**, and if you desaturate by 10%, it is **35, 0.087, 138.464**.

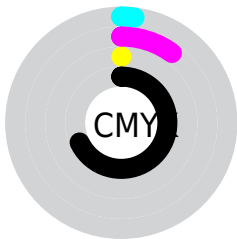
Distribution



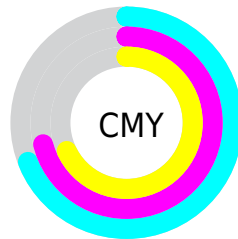
- Red (31%)
- Green (29%)
- Blue (32%)



- Red (31%)
- Yellow (29%)
- Blue (32%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 5.716, 317.659 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 32, 5.716, 317.659 by changing the saturation by 10% instead.

■ 32, 5.716, 317.659

■ 32, 5.716, 317.659

■ 100, 5.716,
317.659

■ 22, 5.716, 317.659

■ 52, 5.716, 317.659

■ 12, 5.716, 317.659

■ 62, 5.716, 317.659

■ 2, 5.716, 317.659

■ 72, 5.716, 317.659

■ 0, 5.716, 317.659

■ 82, 5.716, 317.659

■ 92, 5.716, 317.659

■ 32, 5.716, 317.659

■ 32, 5.716, 317.659

■ 29, 11.616,
318.064

■ 35, 0.087, 138.464

27, 17.573,
318.465

37, 5.763, 136.940

24, 23.516,
318.853

40, 11.300,
136.584

22, 29.345,
319.209

43, 16.692,
136.258

20, 34.913,
319.508

45, 21.937,
135.958

18, 40.029,
319.718

48, 27.039,
135.682

16, 44.462,
319.799

51, 32.001,
135.431

15, 48.007,
319.718

53, 36.830,
135.202

13, 51.541,
319.685

56, 41.533,
134.994

Harmonies

Complementary

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



32, 5.716, 317.659



34, 5.677, 136.918

Rectangle

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



32, 5.716, 317.659



32, 5.716, 7.659



32, 5.716, 137.659



32, 5.716, 187.659

Sweetspot

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



32, 5.715, 317.658



43, 2.133, 317.357



32, 3.880, 278.361



22, 1.631, 317.390



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



32, 5.715, 317.658



40, 8.595, 317.763



32, 5.166, 332.887



15, 3.251, 317.612



19, 61.501, 319.423



45, 110.592, 318.869

Inverse Universe

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



32, 3.755, 0.300



40, 5.666, 0.554



34, 5.145, 151.770



15, 2.133, 0.189



20, 45.788, 22.142



49, 84.421, 26.380

Previews

White Background



This preview shows how the CIELCh color 32, 5.716, 317.659 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



This preview shows how the CIE LCh color 32, 5.716, 317.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

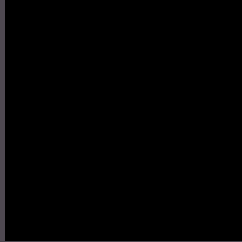
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 5.716, 317.659

Background



This preview shows how black text looks on a background with the CIELCh color 32, 5.716, 317.659.

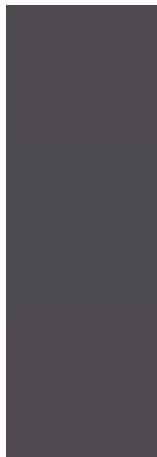


This preview shows how white text looks on a background with the CIELCh color 32, 5.716, 317.659.

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


32, 5.716, 317.659

Protanopia

32, 4.437, 290.974

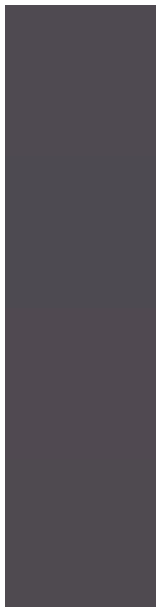
Deuteranopia

32, 5.922, 321.408



Tritanopia
32, 3.854, 324.721

Trichromacy



Original Color

32, 5.716, 317.659

Protanomaly

32, 5.251, 305.045

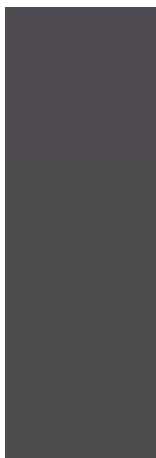
Deuteranomaly

32, 5.922, 321.408

Tritanomaly

32, 4.389, 320.080

Monochromacy



Original Color

32, 5.716, 317.659

Achromatopsia

32, 0.005, 296.813

Achromatomaly

32, 2.099, 314.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 5.716, 317.659 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, 73, 81)` looks like.

```
.text, #text, p{  
    color:rgb(79, 73, 81)  
}
```

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, 73, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 73, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 5.716, 317.659 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, 73, 81) }
```

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

```
.border{ border-color:rgb(79, 73, 81) }
```

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

Here you see how a box with a 4 pixel rgb(79, 73, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 73, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 73, 81);  
box-shadow:4px 4px 4px 4px rgb(79, 73, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 5.716, 317.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 73, 81) }
```

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

```
.background{ background-color: rgb(79, 73,  
81) }
```

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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