

Converting Colors

CIELCh(32, 6.174, 312.904)

Have a look what the booklet for
CIELCh(32, 6.174, 312.904) contains.

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Color

CIELCh(32, 6.286, 315.070)

Conversions

Conversions Part 1

Format	Color
Hex	4F4952
RGB	79, 73, 82
RGB Percent	31%, 29%, 32%
CMY	0.6892, 0.7127, 0.6774
CMYK	0.04, 0.11, 0.00, 0.68
HSL	280°, 6%, 30%
HSV	280°, 11%, 32%
XYZ	7.1782, 7.0852, 9.0238
YIQ	75.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

Format	Color
R_{YB}	79, 73, 82
Decimal	5196114
CIE _{Lab}	32.00, 4.45, -4.44
CIE _{LCh}	32, 6.286, 315.070
Yxy	7.0852, 0.3082, 0.3043
Android (android.graphics.Color)	4283386194 (0xFF4F4952)
YUV	75.8200, 3.0467, 2.7889
Hunter-Lab	26.6180, 1.5556, -1.4675

Details

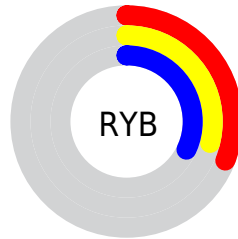
The CIELCh color **32, 6.286, 315.070** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 6.226, 134.259**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 5.767, 314.920**, and **12, 6.518, 318.005** is the 20% darker color. If you saturate the color by 10%, you get **29, 12.142, 315.470**, and if you desaturate by 10%, it is **35, 0.541, 314.538**.

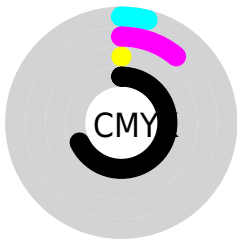
Distribution



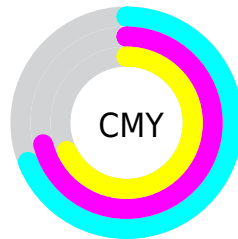
- Red (31%)
- Green (29%)
- Blue (32%)



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



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (68%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 6.286, 315.070 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, 6.286, 315.070 by changing the saturation by 10% instead.

■ 32, 6.286, 315.070

■ 32, 6.286, 315.070

■ 100, 6.286,
315.070

■ 22, 6.286, 315.070

■ 52, 6.286, 315.070

■ 12, 6.286, 315.070

■ 62, 6.286, 315.070

■ 2, 6.286, 315.070

■ 72, 6.286, 315.070

■ 0, 6.286, 315.070

■ 82, 6.286, 315.070

■ 92, 6.286, 315.070

■ 32, 6.286, 315.070

■ 32, 6.286, 315.070

■ 29, 12.142,
315.470

■ 35, 0.541, 314.538

27, 18.075,
315.875

37, 5.069, 134.366

24, 24.026,
316.273

40, 10.536,
134.027

22, 29.899,
316.643

43, 15.856,
133.720

19, 35.556,
316.957

46, 21.030,
133.441

17, 40.804,
317.176

48, 26.063,
133.189

15, 45.400,
317.252

51, 30.959,
132.962

14, 49.154,
317.151

54, 35.724,
132.758

12, 52.699,
317.162

57, 40.366,
132.576

Harmonies

Complementary

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



32, 6.286, 315.070



34, 6.226, 134.259

Rectangle

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



32, 6.286, 315.070



32, 6.286, 5.070



32, 6.286, 135.070



32, 6.286, 185.070

Sweetspot

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



32, 6.285, 315.069



44, 2.128, 314.734



32, 3.903, 271.120



22, 1.594, 314.765



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, 6.285, 315.069



41, 9.306, 315.169



32, 6.230, 329.413



15, 3.180, 314.979



17, 62.366, 316.856



42, 112.319, 316.186

Inverse Universe

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



32, 4.400, 354.577



41, 6.526, 354.821



34, 6.214, 148.238



15, 2.223, 354.361



20, 44.364, 14.798



49, 80.791, 18.948

Previews

White Background



This preview shows how the CIELCh color 32, 6.286, 315.070 looks on a white background.

Color Contrast Check

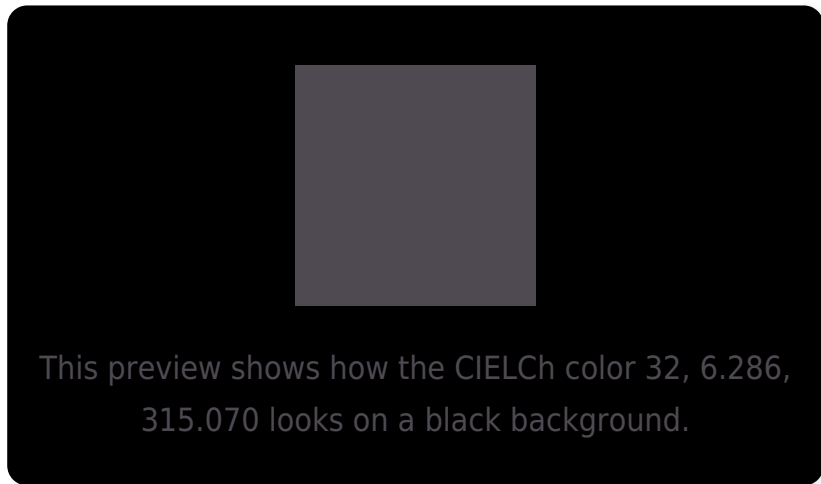
Large Text (above 18pt) WCAG AA ✓ Pass

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

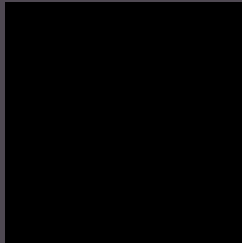
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 6.286, 315.070

Background



This preview shows how black text looks on a background with the CIELCh color 32, 6.286, 315.070.

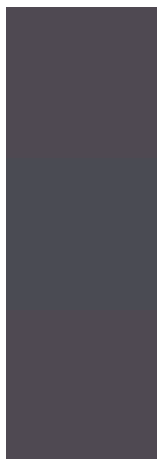


This preview shows how white text looks on a background with the CIELCh color 32, 6.286, 315.070.

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, 6.286, 315.070

Protanopia

32, 5.080, 286.378

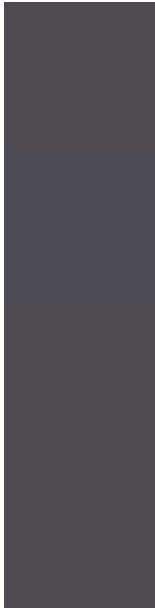
Deuteranopia

32, 6.286, 315.070



Tritanopia
32, 4.389, 320.080

Trichromacy



Original Color

32, 6.286, 315.070

Protanomaly

32, 5.787, 299.524

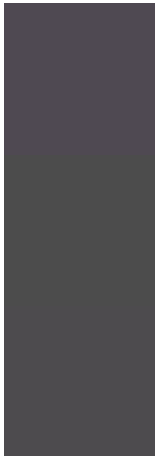
Deuteranomaly

32, 6.286, 315.070

Tritanomaly

32, 4.949, 316.493

Monochromacy



Original Color

32, 6.286, 315.070

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, 6.286, 315.070 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(79, 73, 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, 73, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 73, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 6.286, 315.070 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, 82) }
```

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

```
.border{ border-color:rgb(79, 73, 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, 73, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 73, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 73, 82);  
box-shadow:4px 4px 4px 4px rgb(79, 73, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 6.286, 315.070 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, 82) }
```

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

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