

Converting Colors

CIELCh(31, 35.152, 95.621)

Have a look what the booklet for
CIELCh(31, 35.152, 95.621) contains.

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Color

CIELCh(31, 35.252, 95.060)

Conversions

Conversions Part 1

Format	Color
Hex	53490C
RGB	83, 73, 12
RGB Percent	33%, 29%, 5%
CMY	0.6740, 0.7133, 0.9524
CMYK	0.00, 0.12, 0.85, 0.67
HSL	52°, 75%, 19%
HSV	52°, 85%, 33%
XYZ	6.0354, 6.6515, 1.3179
YIQ	69.0360, 25.5410, -16.8510

Conversions

Conversions Part 2

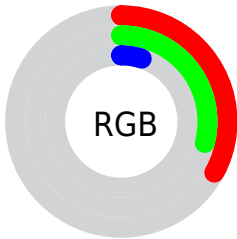
Format	Color
R_YB	24, 83, 12
Decimal	5458188
CIE Lab	31.00, -3.11, 35.11
CIE LCh	31, 35.252, 95.060
Yxy	6.6515, 0.4310, 0.4749
Android (android.graphics.Color)	4283648268 (0xFF53490C)
YUV	69.0360, -28.1187, 12.2464
Hunter-Lab	25.7905, -3.3614, 15.0237

Details

The CIELCh color **31, 35.252, 95.060** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11, 43.599, 299.007**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 35.131, 94.864**, and **11, 16.625, 99.347** is the 20% darker color. If you saturate the color by 10%, you get **31, 37.875, 94.113**, and if you desaturate by 10%, it is **31, 32.190, 96.046**.

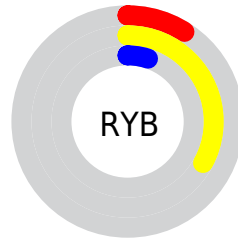
Distribution



Red (33%)

Green (29%)

Blue (5%)



Red (9%)

Yellow (33%)

Blue (5%)

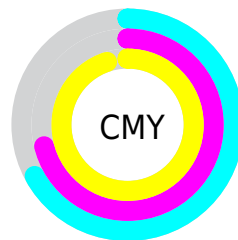


Cyan (0%)

Magenta (12%)

Yellow (85%)

Black (67%)



Cyan (67%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 35.252, 95.060 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 31, 35.252, 95.060 by changing the saturation by 10% instead.

31, 35.252, 95.060

31, 35.252, 95.060

100, 35.252,
95.060

21, 35.252, 95.060

51, 35.252, 95.060

11, 35.252, 95.060

61, 35.252, 95.060

1, 35.252, 95.060

71, 35.252, 95.060

0, 35.252, 95.060

81, 35.252, 95.060

91, 35.252, 95.060

31, 35.252, 95.060

31, 35.252, 95.060

31, 37.875, 94.113

31, 32.190, 96.046

■ 30, 39.246, 93.702

■ 32, 28.532, 97.052

■ 32, 24.492, 98.078

■ 33, 20.223, 99.115

■ 33, 15.828,
100.154

■ 34, 11.369,
101.185

■ 34, 6.888, 102.198

■ 35, 2.408, 103.176

■ 36, 2.055, 284.205

Harmonies

Complementary

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



31, 35.252, 95.060



11, 43.599, 299.007

Rectangle

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



31, 35.252, 95.060



31, 35.252, 145.060



31, 35.252, 275.060



31, 35.252, 325.060

Sweetspot

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



31, 35.252, 95.063



43, 14.346, 101.034



16, 35.199, 22.925



21, 9.610, 100.845



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



31, 35.252, 95.063



39, 46.708, 93.358



32, 41.086, 120.656



16, 2.457, 102.861



38, 45.930, 93.388



81, 81.924, 92.645

Inverse Universe

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



11, 43.599, 299.007



12, 62.934, 302.979



11, 48.945, 308.994



15, 2.491, 284.641



12, 61.728, 302.909



32, 116.436, 304.388

Previews

White Background



This preview shows how the CIELCh color 31, 35.252, 95.060 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 CIELCh color 31, 35.252, 95.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

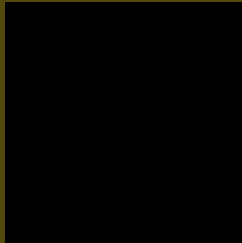
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 35.252, 95.060

Background



This preview shows how black text looks on a background with the CIELCh color 31, 35.252, 95.060.



This preview shows how white text looks on a background with the CIELCh color 31, 35.252, 95.060.

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

31, 35.252, 95.060

Protanopia

31, 35.165, 95.910

Deuteranopia

31, 34.412, 83.178



Tritanopia
31, 9.078, 0.606

Trichromacy



Original Color
31, 35.252, 95.060

Protanomaly
31, 35.165, 95.910

Deuteranomaly
31, 34.436, 86.844

Tritanomaly
31, 14.509, 75.073

Monochromacy



Original Color
31, 35.252, 95.060

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 14.092, 99.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 35.252, 95.060 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(83, 73, 12)` looks like.

```
.text, #text, p{  
    color:rgb(83, 73, 12)  
}
```

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(83, 73, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 73, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 35.252, 95.060 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(83, 73, 12) }
```

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

```
.border{ border-color:rgb(83, 73, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 73, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 73, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 73, 12);  
box-shadow:4px 4px 4px 4px rgb(83, 73, 12)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 35.252, 95.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 73, 12) }
```

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

```
.background{ background-color: rgb(83, 73,  
12) }
```

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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