

Converting Colors

CIELCh(55, 65.164, 72.038)

Have a look what the booklet for
CIELCh(55, 65.164, 72.038) contains.

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Color

CIELCh(55, 64.871, 71.907)

Conversions

Conversions Part 1

Format	Color
Hex	B97401
RGB	185, 116, 1
RGB Percent	73%, 45%, 0%
CMY	0.2730, 0.5438, 0.9977
CMYK	0.00, 0.37, 1.00, 0.27
HSL	38°, 99%, 36%
HSV	38°, 100%, 73%
XYZ	26.3878, 22.9298, 3.0515
YIQ	123.5210, 78.0390, -21.1370

Conversions

Conversions Part 2

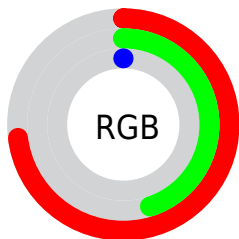
Format	Color
R_{YB}	111, 185, 1
Decimal	12153857
CIE Lab	55.00, 20.15, 61.66
CIE LCh	55, 64.871, 71.907
Yxy	22.9298, 0.5039, 0.4378
Android (android.graphics.Color)	4290343937 (0xFFB97401)
YUV	123.5210, -60.4029, 53.9171
Hunter-Lab	47.8851, 14.5662, 29.7413

Details

The CIELCh color **55, 64.871, 71.907** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **34, 71.793, 294.086**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 64.508, 71.841**, and **35, 49.607, 65.250** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.976, 71.836**, and if you desaturate by 10%, it is **57, 61.526, 74.370**.

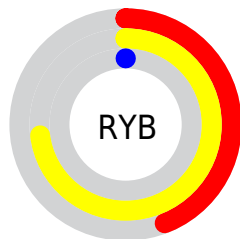
Distribution



Red (73%)

Green (45%)

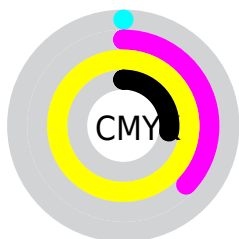
Blue (0%)



Red (44%)

Yellow (73%)

Blue (0%)

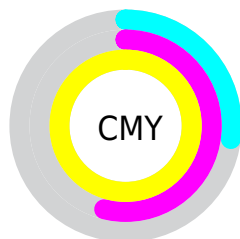


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 64.871, 71.907 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 55, 64.871, 71.907 by changing the saturation by 10% instead.

■ 55, 64.871, 71.907

■ 55, 64.871, 71.907

■ 100, 64.871,
71.907

■ 45, 64.871, 71.907

■ 75, 64.871, 71.907

■ 35, 64.871, 71.907

■ 85, 64.871, 71.907

■ 25, 64.871, 71.907

■ 95, 64.871, 71.907

■ 15, 64.871, 71.907

■ 5, 64.871, 71.907

■ 0, 64.871, 71.907

■ 55, 64.871, 71.907

■ 55, 64.871, 71.907

■ 55, 64.976, 71.836

■ 57, 61.526, 74.370

■ 59, 56.480, 76.422

60, 50.047, 78.146

62, 42.910, 79.697

64, 35.507, 81.157

66, 28.081, 82.562

69, 20.754, 83.925

71, 13.584, 85.248

73, 6.593, 86.517

Harmonies

Complementary

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



55, 64.871, 71.907



34, 71.793, 294.086

Rectangle

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



55, 64.871, 71.907



55, 64.871, 121.907



55, 64.871, 251.907



55, 64.871, 301.907

Sweetspot

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



55, 64.869, 71.910



87, 26.091, 83.815



39, 66.889, 13.147



46, 18.039, 83.241



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



55, 64.869, 71.910



70, 79.458, 71.249



71, 76.928, 109.942



38, 3.823, 86.561



47, 57.055, 72.303



6, 9.347, 75.714

Inverse Universe

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



34, 71.793, 294.086



44, 89.634, 294.856



23, 104.457, 306.674



36, 3.806, 269.028



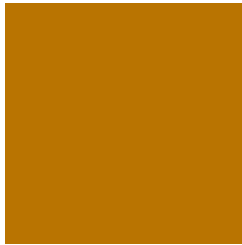
28, 62.373, 293.651



3, 11.431, 275.707

Previews

White Background



This preview shows how the CIELCh color 55, 64.871, 71.907 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 55, 64.871, 71.907 looks on a black 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 × Fail

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

CIELCh 55, 64.871, 71.907

Background



This preview shows how black text looks on a background with the CIELCh color 55, 64.871, 71.907.



This preview shows how white text looks on a background with the CIELCh color 55, 64.871, 71.907.

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

55, 64.696, 71.845

Protanopia

55, 58.036, 95.569

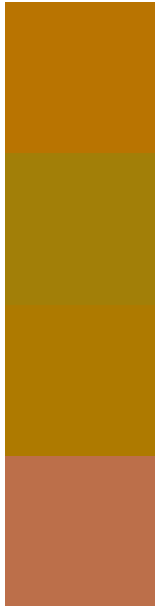
Deuteranopia

55, 61.071, 83.449



Tritanopia
55, 34.874, 16.517

Trichromacy



Original Color
55, 64.696, 71.845

Protanomaly
55, 59.098, 86.455

Deuteranomaly
55, 62.222, 79.011

Tritanomaly
55, 42.961, 51.092

Monochromacy



Original Color
55, 64.696, 71.845

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 26.883, 81.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 64.871, 71.907 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(185, 116, 1)` looks like.

```
.text, #text, p{  
    color:rgb(185, 116, 1)  
}
```

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(185, 116, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 116, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 64.871, 71.907 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(185, 116, 1) }
```

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

```
.border{ border-color:rgb(185, 116, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 116, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 116, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 116, 1);  
box-shadow:4px 4px 4px 4px rgb(185, 116,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 64.871, 71.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 116, 1) }
```

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

```
.background{ background-color: rgb(185,  
116, 1) }
```

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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