

Converting Colors

CIELCh(54, 64.321, 70.970)

Have a look what the booklet for
CIELCh(54, 64.321, 70.970) contains.

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Color

CIELCh(54, 64.220, 70.975)

Conversions

Conversions Part 1

Format	Color
Hex	B77101
RGB	183, 113, 1
RGB Percent	72%, 44%, 0%
CMY	0.2812, 0.5558, 0.9943
CMYK	0.00, 0.38, 0.99, 0.28
HSL	37°, 98%, 36%
HSV	37°, 99%, 72%
XYZ	25.5422, 21.9746, 2.9365
YIQ	121.1620, 77.6720, -19.9920

Conversions

Conversions Part 2

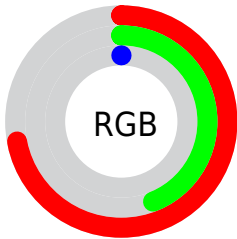
Format	Color
R_{YB}	115, 183, 1
Decimal	12022017
CIE Lab	54.00, 20.93, 60.71
CIE LCh	54, 64.220, 70.975
Yxy	21.9746, 0.5063, 0.4355
Android (android.graphics.Color)	4290212097 (0xFFB77101)
YUV	121.1620, -59.2399, 54.2319
Hunter-Lab	46.8770, 15.2257, 29.0998

Details

The CIELCh color **54, 64.220, 70.975** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **34, 69.368, 293.133**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 64.164, 71.079**, and **34, 49.250, 63.995** is the 20% darker color. If you saturate the color by 10%, you get **54, 64.496, 70.791**, and if you desaturate by 10%, it is **56, 60.729, 73.455**.

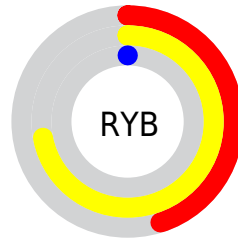
Distribution



Red (72%)

Green (44%)

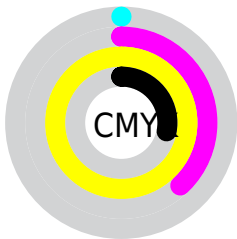
Blue (0%)



Red (45%)

Yellow (72%)

Blue (0%)

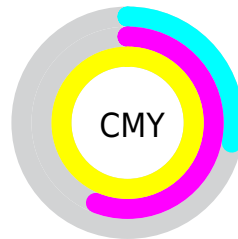


Cyan (0%)

Magenta (38%)

Yellow (99%)

Black (28%)



Cyan (28%)

Magenta (56%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 64.220, 70.975 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 54, 64.220, 70.975 by changing the saturation by 10% instead.

■ 54, 64.220, 70.975

■ 54, 64.220, 70.975

■ 100, 64.220,
70.975

■ 44, 64.220, 70.975

■ 74, 64.220, 70.975

■ 34, 64.220, 70.975

■ 84, 64.220, 70.975

■ 24, 64.220, 70.975

■ 94, 64.220, 70.975

■ 14, 64.220, 70.975

■ 4, 64.220, 70.975

■ 0, 64.220, 70.975

■ 54, 64.220, 70.975

■ 54, 64.220, 70.975

■ 54, 64.496, 70.791

■ 56, 60.729, 73.455

■ 58, 55.540, 75.500

■ 59, 49.053, 77.215

■ 61, 41.930, 78.760

■ 64, 34.589, 80.215

■ 66, 27.254, 81.616

■ 68, 20.040, 82.977

■ 70, 12.997, 84.297

■ 72, 6.142, 85.564

Harmonies

Complementary

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



54, 64.220, 70.975



34, 69.368, 293.133

Rectangle

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



54, 64.220, 70.975



54, 64.220, 120.975



54, 64.220, 250.975



54, 64.220, 300.975

Sweetspot

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



54, 64.218, 70.978



85, 25.416, 82.805



39, 65.989, 11.268



45, 17.579, 82.236



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 64.218, 70.978



68, 78.286, 70.204



71, 75.999, 108.938



38, 3.783, 85.548



46, 57.104, 71.241



6, 9.266, 74.384

Inverse Universe

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



34, 69.368, 293.133



44, 86.362, 294.071



22, 103.460, 306.559



37, 3.760, 268.025



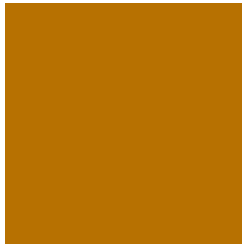
28, 61.146, 292.889



3, 11.322, 275.083

Previews

White Background



This preview shows how the CIELCh color 54, 64.220, 70.975 looks on a white background.

Color Contrast Check

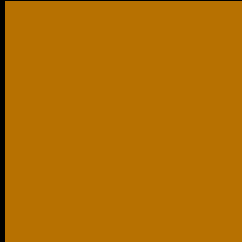
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 64.220, 70.975 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 54, 64.220, 70.975

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.220, 70.975.



This preview shows how white text looks on a background with the CIELCh color 54, 64.220, 70.975.

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

54, 64.220, 70.975

Protanopia

54, 56.799, 95.410

Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 35.450, 16.787

Trichromacy



Original Color
54, 64.220, 70.975

Protanomaly
54, 58.126, 85.634

Deuteranomaly
54, 61.196, 78.510

Tritanomaly
54, 43.266, 50.280

Monochromacy



Original Color
54, 64.220, 70.975

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 26.195, 80.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.220, 70.975 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(183, 113, 1)` looks like.

```
.text, #text, p{  
    color:rgb(183, 113, 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(183, 113, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 113, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.220, 70.975 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(183, 113, 1) }
```

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

```
.border{ border-color:rgb(183, 113, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 113, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 113, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 113, 1);  
box-shadow:4px 4px 4px 4px rgb(183, 113,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.220, 70.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 113, 1) }
```

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

```
.background{ background-color: rgb(183,  
113, 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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