

Converting Colors

CIELCh(54, 64.647, 69.924)

Have a look what the booklet for
CIELCh(54, 64.647, 69.924) contains.

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Color

CIELCh(54, 64.660, 69.751)

Conversions

Conversions Part 1

Format	Color
Hex	B97002
RGB	185, 112, 2
RGB Percent	73%, 44%, 1%
CMY	0.2737, 0.5601, 0.9909
CMYK	0.00, 0.39, 0.99, 0.27
HSL	36°, 98%, 37%
HSV	36°, 99%, 73%
XYZ	25.8868, 21.9746, 2.9436
YIQ	121.2870, 78.8180, -18.7340

Conversions

Conversions Part 2

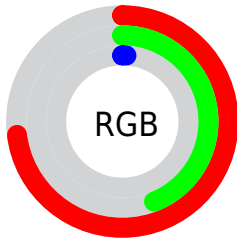
Format	Color
R_{YB}	123, 185, 2
Decimal	12152834
CIE Lab	54.00, 22.38, 60.66
CIE LCh	54, 64.660, 69.751
Yxy	21.9746, 0.5095, 0.4325
Android (android.graphics.Color)	4290342914 (0xFFB97002)
YUV	121.2870, -58.8085, 55.8763
Hunter-Lab	46.8770, 16.5377, 29.0908

Details

The CIELCh color **54, 64.660, 69.751** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **35, 67.885, 292.019**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 64.688, 69.963**, and **34, 50.100, 62.572** is the 20% darker color. If you saturate the color by 10%, you get **54, 65.117, 69.451**, and if you desaturate by 10%, it is **56, 60.979, 72.267**.

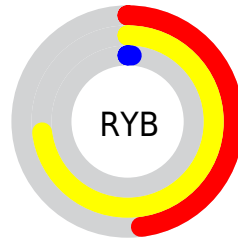
Distribution



Red (73%)

Green (44%)

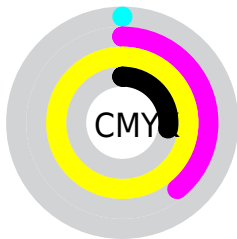
Blue (1%)



Red (48%)

Yellow (73%)

Blue (1%)

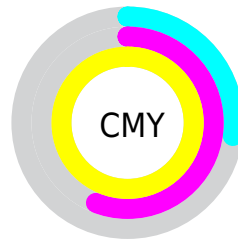


Cyan (0%)

Magenta (39%)

Yellow (99%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 64.660, 69.751 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, 64.660, 69.751 by changing the saturation by 10% instead.

 54, 64.660, 69.751

 54, 64.660, 69.751

 100, 64.660,
69.751

 44, 64.660, 69.751

 74, 64.660, 69.751

 34, 64.660, 69.751

 84, 64.660, 69.751

 24, 64.660, 69.751

 94, 64.660, 69.751

 14, 64.660, 69.751

 4, 64.660, 69.751

 0, 64.660, 69.751

 54, 64.660, 69.751

 54, 64.660, 69.751

 54, 65.117, 69.451

 56, 60.979, 72.267

 58, 55.558, 74.309

60, 48.899, 76.017

62, 41.663, 77.555

64, 34.253, 79.004

66, 26.885, 80.401

68, 19.662, 81.759

71, 12.630, 83.079

73, 5.801, 84.342

Harmonies

Complementary

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



54, 64.660, 69.751



35, 67.885, 292.019

Rectangle

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



54, 64.660, 69.751



54, 64.660, 119.751



54, 64.660, 249.751



54, 64.660, 299.751

Sweetspot

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



54, 64.658, 69.754



86, 25.368, 81.525



39, 66.395, 11.090



44, 17.402, 80.959



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, 64.658, 69.754



68, 79.092, 68.852



72, 76.490, 108.929



38, 3.734, 84.271



46, 57.194, 69.941



6, 9.174, 72.742

Inverse Universe

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



35, 67.885, 292.019



45, 84.969, 293.145



23, 104.030, 306.524



37, 3.706, 266.758



29, 59.639, 291.908



3, 11.186, 274.281

Previews

White Background



This preview shows how the CIELCh color 54, 64.660, 69.751 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, 64.660, 69.751 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, 64.660, 69.751

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.660, 69.751.



This preview shows how white text looks on a background with the CIELCh color 54, 64.660, 69.751.

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, 64.660, 69.751

Protanopia

54, 56.799, 95.410

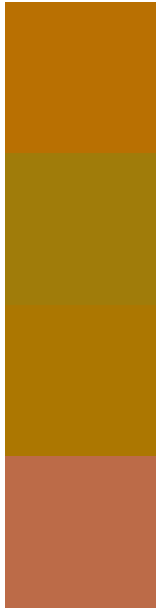
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 36.347, 17.121

Trichromacy



Original Color
54, 64.660, 69.751

Protanomaly
54, 57.952, 85.605

Deuteranomaly
54, 61.424, 78.119

Tritanomaly
54, 44.239, 49.018

Monochromacy



Original Color
54, 64.660, 69.751

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, 64.660, 69.751 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, 112, 2)` looks like.

```
.text, #text, p{  
    color:rgb(185, 112, 2)  
}
```

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, 112, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 112, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.660, 69.751 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, 112, 2) }
```

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

```
.border{ border-color:rgb(185, 112, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 112, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 112, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 112, 2);  
box-shadow:4px 4px 4px 4px rgb(185, 112,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.660, 69.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 112, 2) }
```

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

```
.background{ background-color: rgb(185,  
112, 2) }
```

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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