

Converting Colors

CIELCh(54, 60.272, 72.827)

Have a look what the booklet for
CIELCh(54, 60.272, 72.827) contains.

CIELCh(54, 60.344, 72.938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 60.344, 72.938)

Conversions

Conversions Part 1

Format	Color
Hex	B3740F
RGB	179, 116, 15
RGB Percent	70%, 45%, 6%
CMY	0.2997, 0.5465, 0.9395
CMYK	0.00, 0.35, 0.91, 0.30
HSL	37°, 84%, 38%
HSV	37°, 91%, 70%
XYZ	24.7830, 21.9746, 3.4035
YIQ	123.3230, 69.9690, -18.0550

Conversions

Conversions Part 2

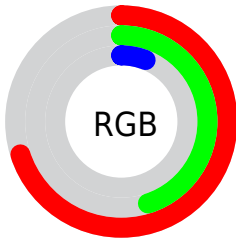
Format	Color
RYB	117, 179, 15
Decimal	11760655
CIELab	54.00, 17.71, 57.69
CIELCh	54, 60.344, 72.938
Yxy	21.9746, 0.4941, 0.4381
Android (android.graphics.Color)	4289950735 (0xFFB3740F)
YUV	123.3230, -53.4032, 48.8287
Hunter-Lab	46.8770, 12.3346, 28.5092

Details

The CIELCh color **54, 60.344, 72.938** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **36, 62.003, 290.046**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 60.544, 72.811**, and **34, 47.903, 67.347** is the 20% darker color. If you saturate the color by 10%, you get **53, 63.253, 70.805**, and if you desaturate by 10%, it is **56, 55.604, 75.074**.

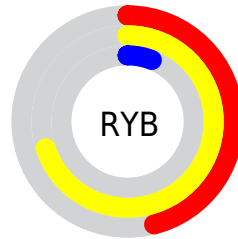
Distribution



Red (70%)

Green (45%)

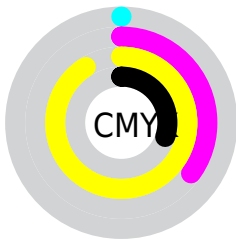
Blue (6%)



Red (46%)

Yellow (70%)

Blue (6%)

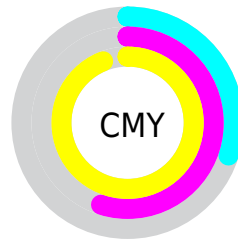


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (30%)



Cyan (30%)

Magenta (55%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 60.344, 72.938 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, 60.344, 72.938 by changing the saturation by 10% instead.

■ 54, 60.344, 72.938

■ 54, 60.344, 72.938

■ 100, 60.344,
72.938

■ 44, 60.344, 72.938

■ 74, 60.344, 72.938

■ 34, 60.344, 72.938

■ 84, 60.344, 72.938

■ 24, 60.344, 72.938

■ 94, 60.344, 72.938

■ 14, 60.344, 72.938

■ 4, 60.344, 72.938

■ 0, 60.344, 72.938

■ 54, 60.344, 72.938

■ 54, 60.344, 72.938

■ 53, 63.253, 70.805

■ 56, 55.604, 75.074

■ 58, 49.444, 76.837

60, 42.555, 78.404

62, 35.389, 79.870

64, 28.197, 81.278

66, 21.107, 82.645

68, 14.178, 83.972

70, 7.431, 85.250

72, 0.868, 86.243

Harmonies

Complementary

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



54, 60.344, 72.938



36, 62.003, 290.046

Rectangle

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



54, 60.344, 72.938



54, 60.344, 122.938



54, 60.344, 252.938



54, 60.344, 302.938

Sweetspot

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



54, 60.343, 72.941



85, 22.370, 83.166



39, 62.925, 7.480



44, 15.265, 82.716



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



54, 60.343, 72.941



67, 77.012, 70.194



69, 72.759, 108.736



37, 3.693, 85.501



45, 56.416, 71.237



5, 8.047, 75.758

Inverse Universe

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



36, 62.003, 290.046



43, 84.760, 293.984



23, 97.221, 306.049



35, 3.672, 267.970



28, 60.260, 292.792



3, 9.702, 273.860

Previews

White Background



This preview shows how the CIELCh color 54, 60.344, 72.938 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 CIE LCh color 54, 60.344, 72.938 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, 60.344, 72.938

Background



This preview shows how black text looks on a background with the CIELCh color 54, 60.344, 72.938.



This preview shows how white text looks on a background with the CIELCh color 54, 60.344, 72.938.

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, 60.560, 73.018

Protanopia

54, 55.396, 95.394

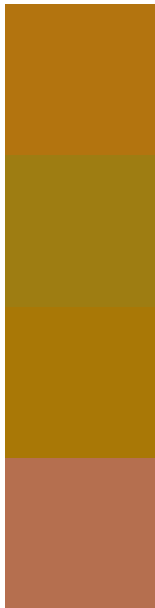
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 31.928, 15.409

Trichromacy



Original Color
54, 60.560, 73.018

Protanomaly
54, 56.126, 86.827

Deuteranomaly
54, 59.921, 79.631

Tritanomaly
54, 38.259, 50.221

Monochromacy



Original Color
54, 60.560, 73.018

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 23.379, 81.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 60.344, 72.938 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(179, 116, 15)` looks like.

```
.text, #text, p{  
    color:rgb(179, 116, 15)  
}
```

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(179, 116, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 116, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 60.344, 72.938 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(179, 116, 15) }
```

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

```
.border{ border-color:rgb(179, 116, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 116, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 116, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 116, 15);  
box-shadow:4px 4px 4px 4px rgb(179, 116,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 60.344, 72.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 116, 15) }
```

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

```
.background{ background-color: rgb(179,  
116, 15) }
```

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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