

Converting Colors

CIELCh(30, 39.606, 54.561)

Have a look what the booklet for
CIELCh(30, 39.606, 54.561) contains.

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Color

CIELCh(30, 39.606, 54.561)

Conversions

Conversions Part 1

Format	Color
Hex	713714
RGB	113, 55, 20
RGB Percent	44%, 22%, 8%
CMY	0.5584, 0.7856, 0.9228
CMYK	0.00, 0.51, 0.83, 0.56
HSL	23°, 70%, 26%
HSV	23°, 83%, 44%
XYZ	8.2343, 6.2359, 1.4169
YIQ	68.3520, 45.8030, 1.4110

Conversions

Conversions Part 2

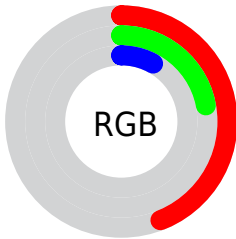
Format	Color
RYB	113, 76, 20
Decimal	7419668
CIELab	30.00, 22.96, 32.27
CIELCh	30, 39.606, 54.561
Yxy	6.2359, 0.5183, 0.3925
Android (android.graphics.Color)	4285609748 (0xFF713714)
YUV	68.3520, -23.8375, 39.1563
Hunter-Lab	24.9718, 15.1583, 14.1162

Details

The CIELCh color **30, 39.606, 54.561** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **31, 25.760, 259.001**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 39.567, 54.851**, and **10, 28.090, 34.207** is the 20% darker color. If you saturate the color by 10%, you get **28, 44.666, 53.507**, and if you desaturate by 10%, it is **32, 34.134, 55.323**.

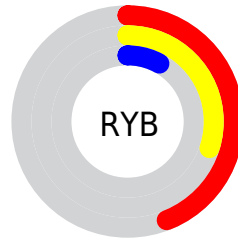
Distribution



Red (44%)

Green (22%)

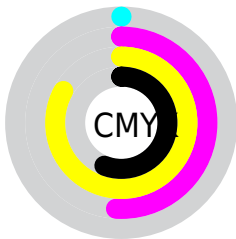
Blue (8%)



Red (44%)

Yellow (30%)

Blue (8%)

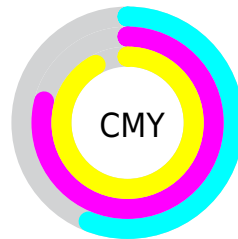


Cyan (0%)

Magenta (51%)

Yellow (83%)

Black (56%)



Cyan (56%)

Magenta (79%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 39.606, 54.561 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 30, 39.606, 54.561 by changing the saturation by 10% instead.

 30, 39.606, 54.561

 30, 39.606, 54.561

 100, 39.606,
54.561

 20, 39.606, 54.561

 50, 39.606, 54.561

 10, 39.606, 54.561

 60, 39.606, 54.561

 0, 39.606, 54.561

 70, 39.606, 54.561

 80, 39.606, 54.561

 90, 39.606, 54.561

 30, 39.606, 54.561

 30, 39.606, 54.561

 28, 44.666, 53.507

 32, 34.134, 55.323

27, 48.203, 52.765

34, 28.647, 55.997

36, 23.340, 56.683

38, 18.297, 57.416

40, 13.544, 58.200

42, 9.080, 59.024

45, 4.890, 59.865

47, 0.952, 60.501

49, 2.760, 241.829

Harmonies

Complementary

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



30, 39.606, 54.561



31, 25.760, 259.001

Rectangle

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



30, 39.606, 54.561



30, 39.606, 104.561



30, 39.606, 234.561



30, 39.606, 284.561

Sweetspot

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



30, 39.605, 54.564



53, 12.553, 58.763



25, 45.918, 345.434



27, 8.707, 58.539



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



30, 39.605, 54.564



36, 58.624, 52.418



42, 43.922, 95.541



22, 2.166, 60.152



29, 50.827, 52.770



60, 89.144, 50.947

Inverse Universe

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



31, 25.760, 259.001



37, 36.188, 267.472



17, 54.640, 299.392



22, 2.089, 242.011



30, 31.317, 266.867



62, 55.696, 269.992

Previews

White Background



This preview shows how the CIELCh color 30, 39.606, 54.561 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 30, 39.606, 54.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

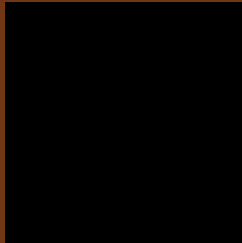
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 39.606, 54.561

Background



This preview shows how black text looks on a background with the CIELCh color 30, 39.606, 54.561.



This preview shows how white text looks on a background with the CIELCh color 30, 39.606, 54.561.

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

30, 39.606, 54.561

Protanopia

30, 29.309, 96.509

Deuteranopia

30, 34.188, 83.868



Tritanopia
30, 30.213, 21.090

Trichromacy



Original Color
30, 39.606, 54.561

Protanomaly
30, 30.766, 78.128

Deuteranomaly
30, 34.899, 71.830

Tritanomaly
30, 32.190, 36.066

Monochromacy



Original Color
30, 39.606, 54.561

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 13.519, 58.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 39.606, 54.561 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(113, 55, 20)` looks like.

```
.text, #text, p{  
    color:rgb(113, 55, 20)  
}
```

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(113, 55, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 55, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 39.606, 54.561 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(113, 55, 20) }
```

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

```
.border{ border-color:rgb(113, 55, 20) }
```

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

Here you see how a box with a 4 pixel rgb(113, 55, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 55, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 55, 20);  
box-shadow:4px 4px 4px 4px rgb(113, 55,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 39.606, 54.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 55, 20) }
```

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

```
.background{ background-color: rgb(113, 55,  
20) }
```

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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