

Converting Colors

CIELCh(54, 56.067, 39.526)

Have a look what the booklet for
CIELCh(54, 56.067, 39.526) contains.

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Color

CIELCh(54, 55.814, 39.701)

Conversions

Conversions Part 1

Format	Color
Hex	D05F46
RGB	208, 95, 70
RGB Percent	82%, 37%, 27%
CMY	0.1851, 0.6281, 0.7261
CMYK	0.00, 0.54, 0.66, 0.19
HSL	11°, 59%, 54%
HSV	11°, 66%, 81%
XYZ	31.1334, 21.9746, 8.3693
YIQ	125.9370, 75.3730, 16.1810

Conversions

Conversions Part 2

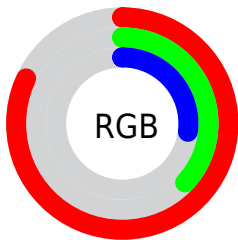
Format	Color
R_{YB}	208, 101, 70
Decimal	13655878
CIE _{Lab}	54.00, 42.94, 35.65
CIE _{LCh}	54, 55.814, 39.701
Yxy	21.9746, 0.5064, 0.3574
Android (android.graphics.Color)	4291845958 (0xFFD05F46)
YUV	125.9370, -27.5769, 71.9693
Hunter-Lab	46.8770, 36.5161, 22.2284

Details

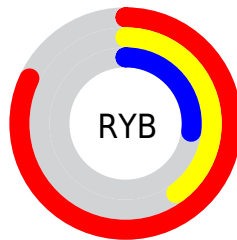
The CIELCh color **54, 55.814, 39.701** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **69, 32.509, 222.567**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 49.732, 41.193**, and **34, 55.891, 39.725** is the 20% darker color. If you saturate the color by 10%, you get **51, 65.993, 40.886**, and if you desaturate by 10%, it is **58, 45.797, 38.728**.

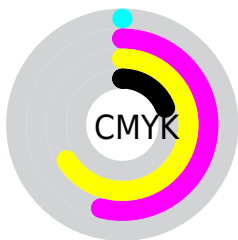
Distribution



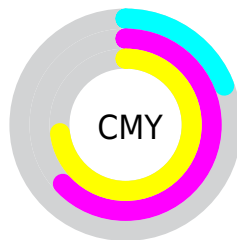
- Red (82%)
- Green (37%)
- Blue (27%)



- Red (82%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (54%)
- Yellow (66%)
- Black (19%)



- Cyan (19%)
- Magenta (63%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 55.814, 39.701 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, 55.814, 39.701 by changing the saturation by 10% instead.

 54, 55.814, 39.701

 54, 55.814, 39.701

 100, 55.814,
39.701

 44, 55.814, 39.701

 74, 55.814, 39.701

 34, 55.814, 39.701

 84, 55.814, 39.701

 24, 55.814, 39.701

 94, 55.814, 39.701

 14, 55.814, 39.701

 4, 55.814, 39.701

 0, 55.814, 39.701

 54, 55.814, 39.701

 54, 55.814, 39.701

 51, 65.993, 40.886

 58, 45.797, 38.728

 48, 75.673, 42.029

 62, 36.248, 38.012

46, 83.462, 42.538

66, 27.295, 37.541

45, 85.909, 42.773

71, 18.984, 37.273

75, 11.307, 37.159

80, 4.229, 37.110

85, 2.301, 217.618

90, 8.337, 217.642

95, 13.727,
213.947

Harmonies

Complementary

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



54, 55.814, 39.701



69, 32.509, 222.567

Rectangle

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



54, 55.814, 39.701



54, 55.814, 89.701



54, 55.814, 219.701



54, 55.814, 269.701

Sweetspot

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



54, 55.812, 39.704



89, 16.556, 37.188



53, 74.037, 333.672



46, 11.431, 37.221



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 55.812, 39.704



60, 82.302, 41.438



69, 53.369, 82.073



41, 3.823, 37.132



37, 73.084, 43.102



6, 17.963, 29.288

Inverse Universe

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



69, 32.509, 222.567



81, 41.514, 225.785



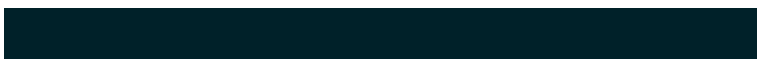
50, 54.112, 285.065



43, 3.603, 217.590



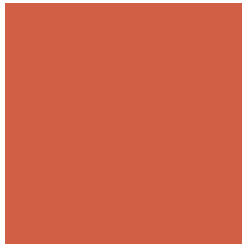
53, 31.955, 231.172



11, 12.222, 223.591

Previews

White Background



This preview shows how the CIELCh color 54, 55.814, 39.701 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, 55.814, 39.701 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, 55.814, 39.701

Background



This preview shows how black text looks on a background with the CIELCh color 54, 55.814, 39.701.

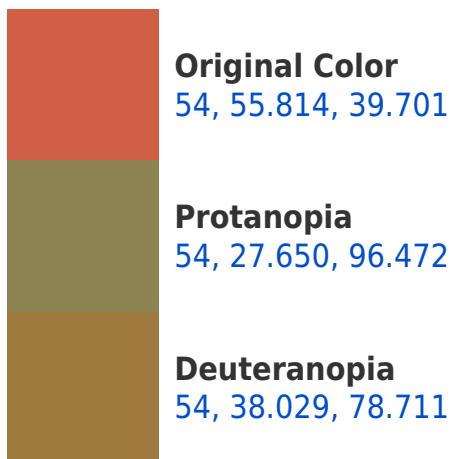



This preview shows how white text looks on a background with the CIELCh color 54, 55.814, 39.701.

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





Tritanopia
54, 51.214, 22.981

Trichromacy



Original Color
54, 55.814, 39.701

Protanomaly
53, 32.211, 63.754

Deuteranomaly
54, 41.651, 60.242

Tritanomaly
54, 52.661, 29.376

Monochromacy



Original Color
54, 55.814, 39.701

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 18.657, 37.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 55.814, 39.701 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(208, 95, 70)` looks like.

```
.text, #text, p{  
    color:rgb(208, 95, 70)  
}
```

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(208, 95, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 95, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 55.814, 39.701 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(208, 95, 70) }
```

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

```
.border{ border-color:rgb(208, 95, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 95, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 95, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 95, 70);  
box-shadow:4px 4px 4px 4px rgb(208, 95,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 55.814, 39.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 95, 70) }
```

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

```
.background{ background-color: rgb(208, 95,  
70) }
```

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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