

Converting Colors

CIELCh(59, 45.931, 39.386)

Have a look what the booklet for
CIELCh(59, 45.931, 39.386) contains.

CIELCh(59, 45.771, 39.115)	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(59, 45.771, 39.115)

Conversions

Conversions Part 1

Format	Color
Hex	D3735D
RGB	211, 115, 93
RGB Percent	83%, 45%, 36%
CMY	0.1712, 0.5478, 0.6342
CMYK	0.00, 0.45, 0.56, 0.17
HSL	11°, 57%, 60%
HSV	11°, 56%, 83%
XYZ	35.1192, 27.0277, 13.7885
YIQ	141.1960, 64.2780, 13.5100

Conversions

Conversions Part 2

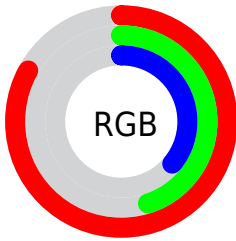
Format	Color
R_{YB}	211, 120, 93
Decimal	13857629
CIE Lab	59.00, 35.51, 28.88
CIE LCh	59, 45.771, 39.115
Yxy	27.0277, 0.4625, 0.3559
Android (android.graphics.Color)	4292047709 (0xFFD3735D)
YUV	141.1960, -23.7606, 61.2181
Hunter-Lab	51.9882, 29.6014, 20.6666

Details

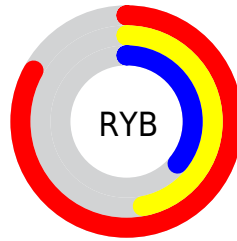
The CIELCh color **59, 45.771, 39.115** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **72, 29.574, 221.707**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 38.958, 41.070**, and **39, 45.988, 39.147** is the 20% darker color. If you saturate the color by 10%, you get **55, 55.883, 40.033**, and if you desaturate by 10%, it is **63, 36.141, 38.458**.

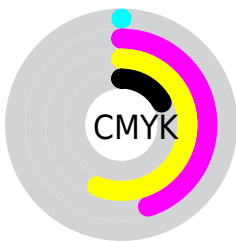
Distribution



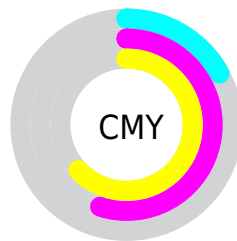
- Red (83%)
- Green (45%)
- Blue (36%)



- Red (83%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (17%)



- Cyan (17%)
- Magenta (55%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 45.771, 39.115 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 59, 45.771, 39.115 by changing the saturation by 10% instead.

 59, 45.771, 39.115

 59, 45.771, 39.115

 100, 45.771,
39.115

 49, 45.771, 39.115

 79, 45.771, 39.115

 39, 45.771, 39.115

 89, 45.771, 39.115

 29, 45.771, 39.115

 99, 45.771, 39.115

 19, 45.771, 39.115

 9, 45.771, 39.115

 0, 45.771, 39.115

 59, 45.771, 39.115

 59, 45.771, 39.115

 55, 55.883, 40.033

 63, 36.141, 38.458

 52, 66.191, 41.149

 68, 27.125, 38.035

■ 49, 76.043, 42.236

■ 72, 18.759, 37.808

■ 47, 84.048, 42.701

■ 77, 11.034, 37.730

■ 46, 86.855, 42.897

■ 82, 3.913, 37.703

■ 87, 2.658, 218.222

■ 92, 8.734, 218.300

■ 97, 13.867,
203.156

■ 97, 14.572,
198.535

Harmonies

Complementary

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



59, 45.771, 39.115



72, 29.574, 221.707

Rectangle

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



59, 45.771, 39.115



59, 45.771, 89.115



59, 45.771, 219.115



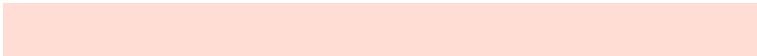
59, 45.771, 269.115

Sweetspot

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



59, 45.769, 39.119



90, 13.849, 37.734



58, 64.978, 333.617



47, 9.342, 37.743



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 45.769, 39.119



65, 66.591, 40.229



73, 46.164, 85.023



41, 3.810, 37.723



37, 72.928, 43.260



6, 17.908, 29.618

Inverse Universe

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



72, 29.574, 221.707



83, 38.313, 223.728



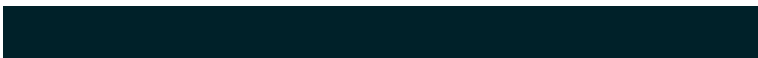
55, 46.754, 283.086



43, 3.591, 218.229



53, 31.999, 232.346



11, 12.211, 224.523

Previews

White Background



This preview shows how the CIELCh color 59, 45.771, 39.115 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 59, 45.771, 39.115 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 59, 45.771, 39.115

Background



This preview shows how black text looks on a background with the CIELCh color 59, 45.771, 39.115.



This preview shows how white text looks on a background with the CIELCh color 59, 45.771, 39.115.

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

59, 45.771, 39.115

Protanopia

59, 21.854, 95.152

Deuteranopia

59, 31.316, 75.920



Tritanopia
59, 42.593, 18.809

Trichromacy



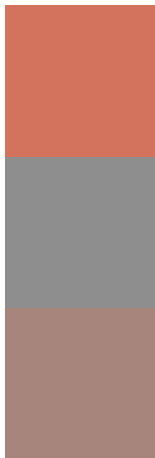
Original Color
59, 45.771, 39.115

Protanomaly
58, 26.336, 63.184

Deuteranomaly
59, 34.267, 57.923

Tritanomaly
59, 42.994, 26.631

Monochromacy



Original Color
59, 45.771, 39.115

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 15.390, 37.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 45.771, 39.115 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(211, 115, 93)` looks like.

```
.text, #text, p{  
    color:rgb(211, 115, 93)  
}
```

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(211, 115, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 115, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 45.771, 39.115 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(211, 115, 93) }
```

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

```
.border{ border-color:rgb(211, 115, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 115, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 115, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 115, 93);  
box-shadow:4px 4px 4px 4px rgb(211, 115,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 45.771, 39.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 115, 93) }
```

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

```
.background{ background-color: rgb(211,  
115, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor