

Converting Colors

CIELCh(51, 65.152, 49.013)

Have a look what the booklet for
CIELCh(51, 65.152, 49.013) contains.

CIELCh(51, 65.096, 48.973)	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(51, 65.096, 48.973)

Conversions

Conversions Part 1

Format	Color
Hex	C95725
RGB	201, 87, 37
RGB Percent	79%, 34%, 15%
CMY	0.2132, 0.6600, 0.8560
CMYK	0.00, 0.57, 0.82, 0.21
HSL	18°, 69%, 47%
HSV	18°, 82%, 79%
XYZ	27.7057, 19.2686, 3.9861
YIQ	115.3860, 83.9940, 8.6180

Conversions

Conversions Part 2

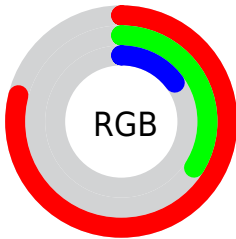
Format	Color
RYB	201, 109, 37
Decimal	13195045
CIELab	51.00, 42.73, 49.11
CIElCh	51, 65.096, 48.973
Yxy	19.2686, 0.5437, 0.3781
Android (android.graphics.Color)	4291385125 (0xFFC95725)
YUV	115.3860, -38.6443, 75.0835
Hunter-Lab	43.8960, 35.8453, 25.3432

Details

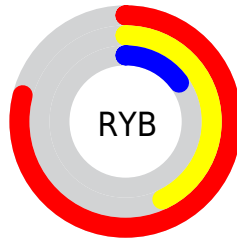
The CIELCh color **51, 65.096, 48.973** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **59, 36.923, 248.752**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 61.591, 50.454**, and **31, 61.499, 45.357** is the 20% darker color. If you saturate the color by 10%, you get **48, 73.314, 48.357**, and if you desaturate by 10%, it is **54, 55.898, 49.173**.

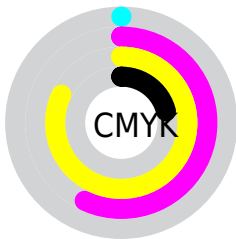
Distribution



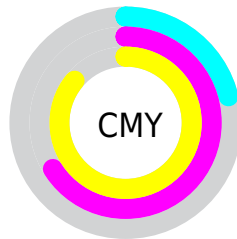
- Red (79%)
- Green (34%)
- Blue (15%)



- Red (79%)
- Yellow (43%)
- Blue (15%)



- Cyan (0%)
- Magenta (57%)
- Yellow (82%)
- Black (21%)



- Cyan (21%)
- Magenta (66%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 65.096, 48.973 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 51, 65.096, 48.973 by changing the saturation by 10% instead.

51, 65.096, 48.973

51, 65.096, 48.973

100, 65.096,
48.973

41, 65.096, 48.973

71, 65.096, 48.973

31, 65.096, 48.973

81, 65.096, 48.973

21, 65.096, 48.973

91, 65.096, 48.973

11, 65.096, 48.973

1, 65.096, 48.973

0, 65.096, 48.973

51, 65.096, 48.973

51, 65.096, 48.973

48, 73.314, 48.357

54, 55.898, 49.173

47, 78.884, 47.478

57, 46.626, 49.301

61, 37.692, 49.501

64, 29.267, 49.815

68, 21.403, 50.241

72, 14.098, 50.758

76, 7.319, 51.330

80, 1.022, 51.566

84, 4.844, 232.862

Harmonies

Complementary

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



51, 65.096, 48.973



59, 36.923, 248.752

Rectangle

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



51, 65.096, 48.973



51, 65.096, 98.973



51, 65.096, 228.973



51, 65.096, 278.973

Sweetspot

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



51, 65.094, 48.976



88, 20.010, 50.560



47, 74.130, 341.839



45, 13.840, 50.377



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 65.094, 48.976



59, 93.586, 47.270



70, 65.871, 90.424



40, 3.492, 51.461



38, 67.295, 47.985



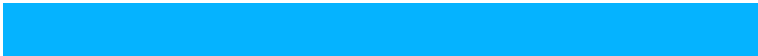
5, 13.536, 38.362

Inverse Universe

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



59, 36.923, 248.752



69, 49.280, 257.130



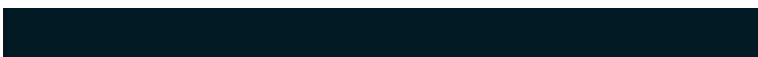
36, 80.046, 297.547



40, 3.324, 232.984



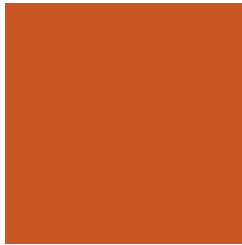
45, 35.187, 256.516



7, 11.413, 245.608

Previews

White Background



This preview shows how the CIELCh color 51, 65.096, 48.973 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 51, 65.096, 48.973 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 51, 65.096, 48.973

Background



This preview shows how black text looks on a background with the CIELCh color 51, 65.096, 48.973.



This preview shows how white text looks on a background with the CIELCh color 51, 65.096, 48.973.

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

51, 65.096, 48.973

Protanopia

51, 42.443, 95.653

Deuteranopia

51, 51.563, 82.682



Tritanopia
51, 53.258, 24.469

Trichromacy



Original Color
51, 65.096, 48.973

Protanomaly
50, 45.704, 72.115

Deuteranomaly
51, 53.990, 67.503

Tritanomaly
51, 56.234, 35.159

Monochromacy



Original Color
51, 65.096, 48.973

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 21.697, 49.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 65.096, 48.973 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(201, 87, 37)` looks like.

```
.text, #text, p{  
    color:rgb(201, 87, 37)  
}
```

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(201, 87, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 87, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 65.096, 48.973 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(201, 87, 37) }
```

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

```
.border{ border-color:rgb(201, 87, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 87, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 87, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 87, 37);  
box-shadow:4px 4px 4px 4px rgb(201, 87,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 65.096, 48.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 87, 37) }
```

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

```
.background{ background-color: rgb(201, 87,  
37) }
```

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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