

Converting Colors

CIELCh(65, 54.085, 76.361)

Have a look what the booklet for
CIELCh(65, 54.085, 76.361) contains.

CIELCh(65, 54.085, 76.361)	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(65, 54.085, 76.361)

Conversions

Conversions Part 1

Format	Color
Hex	CB933C
RGB	203, 147, 60
RGB Percent	80%, 58%, 24%
CMY	0.2025, 0.4222, 0.7634
CMYK	0.00, 0.28, 0.70, 0.20
HSL	36°, 58%, 52%
HSV	36°, 70%, 80%
XYZ	36.0382, 34.0472, 8.9920
YIQ	153.8260, 61.3030, -15.1850

Conversions

Conversions Part 2

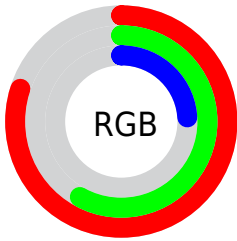
Format	Color
RYB	152, 203, 60
Decimal	13341500
CIELab	65.00, 12.75, 52.56
CIElCh	65, 54.085, 76.361
Yxy	34.0472, 0.4557, 0.4306
Android (android.graphics.Color)	4291531580 (0xFFCB933C)
YUV	153.8260, -46.2562, 43.1256
Hunter-Lab	58.3500, 8.1330, 31.7081

Details

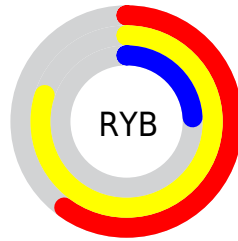
The CIELCh color **65, 54.085, 76.361** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **49, 51.670, 281.916**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 52.069, 79.723**, and **45, 54.230, 76.453** is the 20% darker color. If you saturate the color by 10%, you get **63, 61.010, 74.593**, and if you desaturate by 10%, it is **67, 46.385, 77.939**.

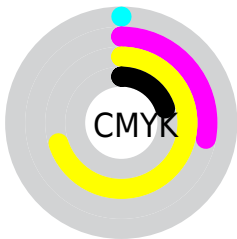
Distribution



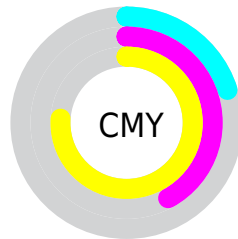
- Red (80%)
- Green (58%)
- Blue (24%)



- Red (60%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 54.085, 76.361 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 65, 54.085, 76.361 by changing the saturation by 10% instead.

65, 54.085, 76.361

65, 54.085, 76.361

100, 54.085,
76.361

55, 54.085, 76.361

85, 54.085, 76.361

45, 54.085, 76.361

95, 54.085, 76.361

35, 54.085, 76.361

25, 54.085, 76.361

15, 54.085, 76.361

5, 54.085, 76.361

0, 54.085, 76.361

65, 54.085, 76.361

65, 54.085, 76.361

63, 61.010, 74.593

67, 46.385, 77.939

61, 66.385, 72.444

69, 38.409, 79.413

59, 69.771, 69.922

72, 30.427, 80.830

74, 22.576, 82.205

77, 14.917, 83.541

79, 7.469, 84.826

82, 0.232, 84.890

84, 6.803, 267.383

87, 13.653,
268.528

Harmonies

Complementary

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



65, 54.085, 76.361



49, 51.670, 281.916

Rectangle

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



65, 54.085, 76.361



65, 54.085, 126.361



65, 54.085, 256.361



65, 54.085, 306.361

Sweetspot

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



65, 54.084, 76.364



94, 18.532, 83.417



49, 60.269, 0.133



49, 12.595, 83.047



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 54.084, 76.364



76, 75.688, 73.629



78, 69.566, 108.987



42, 4.102, 84.942



49, 59.889, 70.450



9, 14.792, 71.714

Inverse Universe

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



49, 51.670, 281.916



54, 74.995, 287.461



36, 86.189, 303.414



40, 4.074, 267.457



31, 63.683, 292.652



4, 17.168, 279.012

Previews

White Background



This preview shows how the CIELCh color 65, 54.085, 76.361 looks on a white 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

Black Background



This preview shows how the CIE LCh color 65, 54.085, 76.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

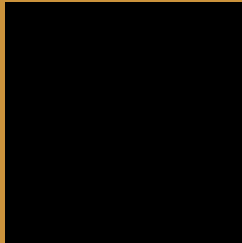
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 54.085, 76.361

Background



This preview shows how black text looks on a background with the CIELCh color 65, 54.085, 76.361.



This preview shows how white text looks on a background with the CIELCh color 65, 54.085, 76.361.

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

65, 54.085, 76.361

Protanopia

65, 50.747, 95.477

Deuteranopia

65, 53.561, 80.915



Tritanopia
65, 29.055, 10.609

Trichromacy



Original Color
65, 54.085, 76.361

Protanomaly
65, 51.152, 88.167

Deuteranomaly
65, 53.832, 79.430

Tritanomaly
65, 31.972, 45.906

Monochromacy



Original Color
65, 54.085, 76.361

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 19.724, 82.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 54.085, 76.361 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(203, 147, 60)` looks like.

```
.text, #text, p{  
    color:rgb(203, 147, 60)  
}
```

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(203, 147, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 147, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 54.085, 76.361 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(203, 147, 60) }
```

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

```
.border{ border-color:rgb(203, 147, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 147, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 147, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 147, 60);  
box-shadow:4px 4px 4px 4px rgb(203, 147,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 54.085, 76.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 147, 60) }
```

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

```
.background{ background-color: rgb(203,  
147, 60) }
```

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