

Converting Colors

CIELCh(65, 53.987, 83.455)

Have a look what the booklet for
CIELCh(65, 53.987, 83.455) contains.

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Color

CIELCh(65, 54.168, 83.693)

Conversions

Conversions Part 1

Format	Color
Hex	C29839
RGB	194, 152, 57
RGB Percent	76%, 60%, 22%
CMY	0.2408, 0.4053, 0.7779
CMYK	0.00, 0.22, 0.71, 0.24
HSL	42°, 55%, 49%
HSV	42°, 71%, 76%
XYZ	34.0438, 34.0472, 8.6012
YIQ	153.7280, 55.5270, -20.6410

Conversions

Conversions Part 2

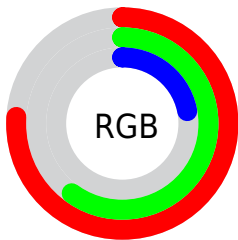
Format	Color
RYB	118, 194, 57
Decimal	12752953
CIELab	65.00, 5.95, 53.84
CIElCh	65, 54.168, 83.693
Yxy	34.0472, 0.4439, 0.4439
Android (android.graphics.Color)	4290943033 (0xFFC29839)
YUV	153.7280, -47.6869, 35.3185
Hunter-Lab	58.3500, 2.0321, 32.1052

Details

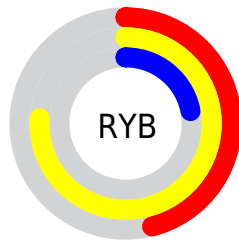
The CIELCh color **65, 54.168, 83.693** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **44, 56.965, 288.208**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 54.266, 83.572**, and **45, 52.527, 83.323** is the 20% darker color. If you saturate the color by 10%, you get **63, 60.341, 82.049**, and if you desaturate by 10%, it is **67, 46.989, 85.201**.

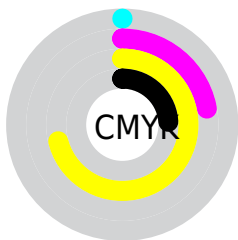
Distribution



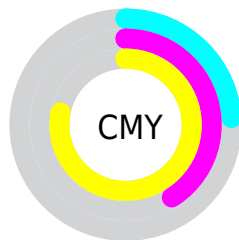
- Red (76%)
- Green (60%)
- Blue (22%)



- Red (46%)
- Yellow (76%)
- Blue (22%)



- Cyan (0%)
- Magenta (22%)
- Yellow (71%)
- Black (24%)



- Cyan (24%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 54.168, 83.693 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, 54.168, 83.693 by changing the saturation by 10% instead.

 65, 54.168, 83.693

 65, 54.168, 83.693

 100, 54.168,
83.693

 55, 54.168, 83.693

 85, 54.168, 83.693

 45, 54.168, 83.693

 95, 54.168, 83.693

 35, 54.168, 83.693

 25, 54.168, 83.693

 15, 54.168, 83.693

 5, 54.168, 83.693

 0, 54.168, 83.693

 65, 54.168, 83.693

 65, 54.168, 83.693

 63, 60.341, 82.049

 67, 46.989, 85.201

62, 64.796, 80.139

68, 39.315, 86.628

60, 67.256, 78.096

70, 31.456, 88.006

72, 23.582, 89.344

74, 15.781, 90.642

76, 8.097, 91.891

78, 0.546, 92.738

80, 6.866, 274.339

82, 14.145,
275.443

Harmonies

Complementary

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



65, 54.168, 83.693



44, 56.965, 288.208

Rectangle

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



65, 54.168, 83.693



65, 54.168, 133.693



65, 54.168, 263.693



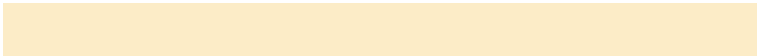
65, 54.168, 313.693

Sweetspot

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



65, 54.168, 83.696



94, 19.830, 90.566



46, 57.517, 6.732



50, 13.564, 90.204



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, 54.168, 83.696



80, 77.049, 81.019



74, 67.845, 113.060



40, 4.270, 92.057



51, 58.610, 78.490



8, 12.842, 81.957

Inverse Universe

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



44, 56.965, 288.208



49, 86.626, 293.546



35, 82.853, 304.961



38, 4.281, 274.451



26, 71.399, 297.665



3, 15.418, 281.052

Previews

White Background



This preview shows how the CIELCh color 65, 54.168, 83.693 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 CIELCh color 65, 54.168, 83.693 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, 54.168, 83.693

Background



This preview shows how black text looks on a background with the CIELCh color 65, 54.168, 83.693.



This preview shows how white text looks on a background with the CIELCh color 65, 54.168, 83.693.

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, 54.168, 83.693

Protanopia

65, 52.916, 95.591

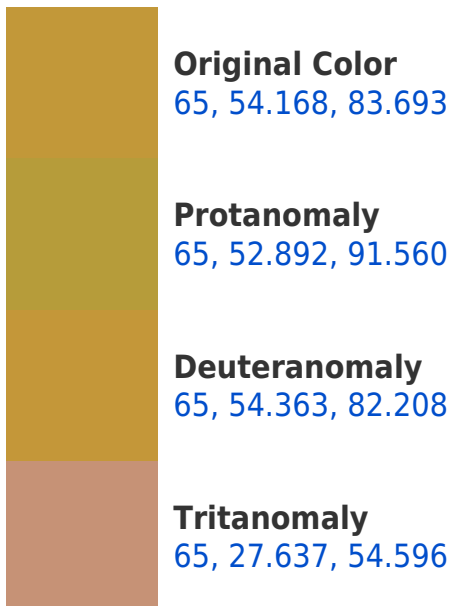
Deuteranopia

65, 54.389, 81.166



Tritanopia
65, 23.781, 7.214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 54.168, 83.693 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(194, 152, 57)` looks like.

```
.text, #text, p{  
    color:rgb(194, 152, 57)  
}
```

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(194, 152, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 152, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 54.168, 83.693 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(194, 152, 57) }
```

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

```
.border{ border-color:rgb(194, 152, 57) }
```

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

Here you see how a box with a 4 pixel rgb(194, 152, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 152, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 152, 57);  
box-shadow:4px 4px 4px 4px rgb(194, 152,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 54.168, 83.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 152, 57) }
```

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

```
.background{ background-color: rgb(194,  
152, 57) }
```

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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