

Converting Colors

CIELCh(65, 59.613, 67.310)

Have a look what the booklet for
CIELCh(65, 59.613, 67.310) contains.

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Color

CIELCh(65, 59.773, 67.174)

Conversions

Conversions Part 1

Format	Color
Hex	DB8C38
RGB	219, 140, 56
RGB Percent	86%, 55%, 22%
CMY	0.1417, 0.4514, 0.7808
CMYK	0.00, 0.36, 0.74, 0.14
HSL	31°, 69%, 54%
HSV	31°, 74%, 86%
XYZ	39.2462, 34.0472, 8.2303
YIQ	154.0450, 74.0480, -9.3760

Conversions

Conversions Part 2

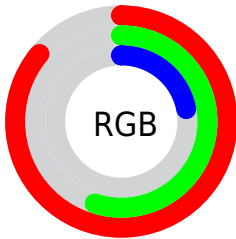
Format	Color
R _Y B	209, 219, 56
Decimal	14388280
CIE Lab	65.00, 23.19, 55.09
CIE LCh	65, 59.773, 67.174
Yxy	34.0472, 0.4814, 0.4176
Android (android.graphics.Color)	4292578360 (0xFFDB8C38)
YUV	154.0450, -48.3362, 56.9655
Hunter-Lab	58.3500, 17.9469, 32.4821

Details

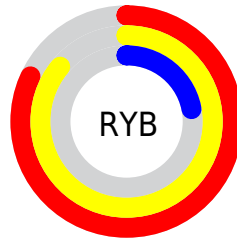
The CIELCh color **65, 59.773, 67.174** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **55, 50.012, 275.007**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 52.645, 76.125**, and **45, 58.504, 66.736** is the 20% darker color. If you saturate the color by 10%, you get **62, 67.389, 65.369**, and if you desaturate by 10%, it is **68, 51.320, 68.688**.

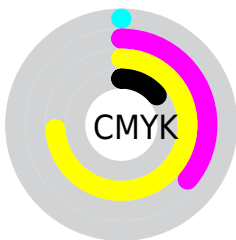
Distribution



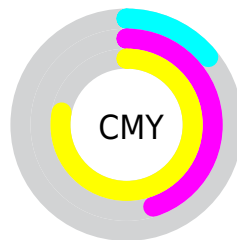
- Red (86%)
- Green (55%)
- Blue (22%)



- Red (82%)
- Yellow (86%)
- Blue (22%)



- Cyan (0%)
- Magenta (36%)
- Yellow (74%)
- Black (14%)



- Cyan (14%)
- Magenta (45%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 59.773, 67.174 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, 59.773, 67.174 by changing the saturation by 10% instead.

 65, 59.773, 67.174

 65, 59.773, 67.174

 100, 59.773,
67.174

 55, 59.773, 67.174

 85, 59.773, 67.174

 45, 59.773, 67.174

 95, 59.773, 67.174

 35, 59.773, 67.174

 25, 59.773, 67.174

 15, 59.773, 67.174

 5, 59.773, 67.174

 0, 59.773, 67.174

 65, 59.773, 67.174

 65, 59.773, 67.174

 62, 67.389, 65.369

 68, 51.320, 68.688

60, 73.174, 62.959

71, 42.668, 70.069

59, 75.649, 61.426

73, 34.142, 71.397

76, 25.891, 72.700

80, 17.971, 73.984

83, 10.389, 75.241

86, 3.133, 76.404

89, 3.824, 257.843

92, 10.511,
258.960

Harmonies

Complementary

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



65, 59.773, 67.174



55, 50.012, 275.007

Rectangle

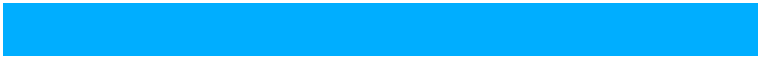
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 59.773, 67.174



65, 59.773, 117.174



65, 59.773, 247.174



65, 59.773, 297.174

Sweetspot

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



65, 59.772, 67.177



92, 18.200, 74.273



51, 68.401, 353.816



48, 12.304, 73.925



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, 59.772, 67.177



71, 79.409, 64.190



85, 76.385, 103.656



44, 4.038, 75.852



47, 63.399, 62.066



11, 18.365, 61.582

Inverse Universe

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



55, 50.012, 275.007



58, 67.457, 281.542



36, 97.506, 302.822



44, 3.960, 258.371



37, 55.514, 285.327



7, 18.556, 275.290

Previews

White Background



This preview shows how the CIELCh color 65, 59.773, 67.174 looks on a white background.

Color Contrast Check

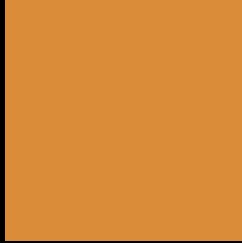
Large Text (above 18pt) WCAG AA × Fail

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, 59.773, 67.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

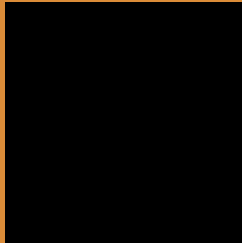
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 59.773, 67.174

Background



This preview shows how black text looks on a background with the CIELCh color 65, 59.773, 67.174.



This preview shows how white text looks on a background with the CIELCh color 65, 59.773, 67.174.

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, 59.773, 67.174

Protanopia

65, 51.626, 95.526

Deuteranopia

65, 56.208, 81.207



Tritanopia
65, 38.214, 15.538

Trichromacy



Original Color
65, 59.773, 67.174

Protanomaly
65, 52.751, 83.770

Deuteranomaly
65, 57.138, 75.505

Tritanomaly
65, 41.479, 41.128

Monochromacy



Original Color
65, 59.773, 67.174

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 21.360, 72.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 59.773, 67.174 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(219, 140, 56)` looks like.

```
.text, #text, p{  
    color:rgb(219, 140, 56)  
}
```

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(219, 140, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 140, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 59.773, 67.174 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(219, 140, 56) }
```

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

```
.border{ border-color:rgb(219, 140, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 140, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 140, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 140, 56);  
box-shadow:4px 4px 4px 4px rgb(219, 140,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 59.773, 67.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 140, 56) }
```

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

```
.background{ background-color: rgb(219,  
140, 56) }
```

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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