

Converting Colors

CIELCh(65, 63.079, 91.589)

Have a look what the booklet for
CIELCh(65, 63.079, 91.589) contains.

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Color

CIELCh(65, 63.079, 91.589)

Conversions

Conversions Part 1

Format	Color
Hex	B89C1E
RGB	184, 156, 30
RGB Percent	72%, 61%, 12%
CMY	0.2786, 0.3883, 0.8825
CMYK	0.00, 0.15, 0.84, 0.28
HSL	49°, 72%, 42%
HSV	49°, 84%, 72%
XYZ	31.8769, 34.0472, 6.1174
YIQ	150.0080, 57.1340, -33.2500

Conversions

Conversions Part 2

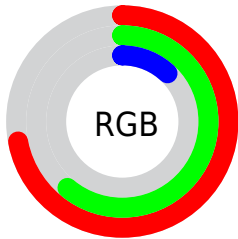
Format	Color
RYB	64, 184, 30
Decimal	12098590
CIELab	65.00, -1.75, 63.05
CIElCh	65, 63.079, 91.589
Yxy	34.0472, 0.4425, 0.4726
Android (android.graphics.Color)	4290288670 (0xFFB89C1E)
YUV	150.0080, -59.1639, 29.8110
Hunter-Lab	58.3500, -4.5970, 34.6291

Details

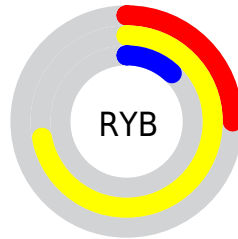
The CIELCh color **65, 63.079, 91.589** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **31, 78.368, 298.780**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 62.998, 91.359**, and **45, 51.773, 90.612** is the 20% darker color. If you saturate the color by 10%, you get **64, 66.235, 90.292**, and if you desaturate by 10%, it is **66, 57.926, 92.825**.

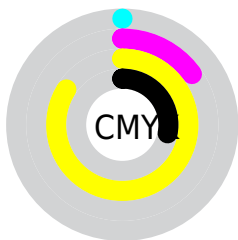
Distribution



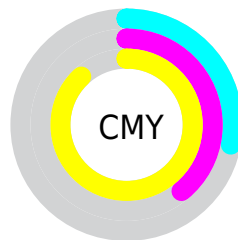
- Red (72%)
- Green (61%)
- Blue (12%)



- Red (25%)
- Yellow (72%)
- Blue (12%)



- Cyan (0%)
- Magenta (15%)
- Yellow (84%)
- Black (28%)



- Cyan (28%)
- Magenta (39%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 63.079, 91.589 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, 63.079, 91.589 by changing the saturation by 10% instead.

65, 63.079, 91.589

65, 63.079, 91.589

100, 63.079,
91.589

55, 63.079, 91.589

85, 63.079, 91.589

45, 63.079, 91.589

95, 63.079, 91.589

35, 63.079, 91.589

25, 63.079, 91.589

15, 63.079, 91.589

5, 63.079, 91.589

0, 63.079, 91.589

65, 63.079, 91.589

65, 63.079, 91.589

64, 66.235, 90.292

66, 57.926, 92.825

63, 67.443, 89.445

67, 51.360, 94.035

68, 43.923, 95.238

69, 35.999, 96.437

70, 27.831, 97.626

72, 19.565, 98.798

73, 11.285, 99.942

74, 3.037, 101.026

76, 5.151, 282.179

Harmonies

Complementary

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



65, 63.079, 91.589



31, 78.368, 298.780

Rectangle

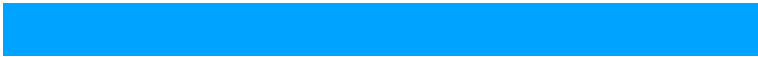
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 63.079, 91.589



65, 63.079, 141.589



65, 63.079, 271.589



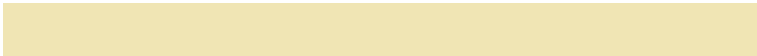
65, 63.079, 321.589

Sweetspot

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



65, 63.079, 91.592



91, 25.584, 98.600



40, 64.598, 22.586



48, 17.450, 98.192



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 63.079, 91.592



81, 82.123, 89.186



69, 74.739, 119.395



38, 4.647, 100.430



54, 59.649, 89.642



8, 11.658, 96.100

Inverse Universe

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



31, 78.368, 298.780



34, 115.327, 303.398



30, 91.307, 308.513



36, 4.706, 282.582



21, 81.559, 302.682



2, 13.358, 284.279

Previews

White Background



This preview shows how the CIELCh color 65, 63.079, 91.589 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, 63.079, 91.589 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, 63.079, 91.589

Background



This preview shows how black text looks on a background with the CIELCh color 65, 63.079, 91.589.

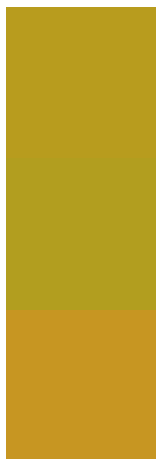


This preview shows how white text looks on a background with the CIELCh color 65, 63.079, 91.589.

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, 63.079, 91.589

Protanopia

65, 62.757, 95.007

Deuteranopia

65, 63.052, 82.432



Tritanopia
65, 19.447, 3.270

Trichromacy



Original Color
65, 63.079, 91.589

Protanomaly
65, 62.654, 93.704

Deuteranomaly
65, 62.771, 85.460

Tritanomaly
65, 28.068, 69.596

Monochromacy



Original Color
65, 63.079, 91.589

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 25.805, 97.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 63.079, 91.589 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(184, 156, 30)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 30)  
}
```

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(184, 156, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 63.079, 91.589 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(184, 156, 30) }
```

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

```
.border{ border-color:rgb(184, 156, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 156, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 30);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 63.079, 91.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 156, 30) }
```

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

```
.background{ background-color: rgb(184,  
156, 30) }
```

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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