

Converting Colors

CIELCh(64, 36.767, 85.051)

Have a look what the booklet for
CIELCh(64, 36.767, 85.051) contains.

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Color

CIELCh(64, 36.767, 85.051)

Conversions

Conversions Part 1

Format	Color
Hex	B59759
RGB	181, 151, 89
RGB Percent	71%, 59%, 35%
CMY	0.2891, 0.4068, 0.6500
CMYK	0.00, 0.17, 0.51, 0.29
HSL	40°, 38%, 53%
HSV	40°, 51%, 71%
XYZ	32.0453, 32.8017, 14.1486
YIQ	152.9020, 37.7820, -12.9220

Conversions

Conversions Part 2

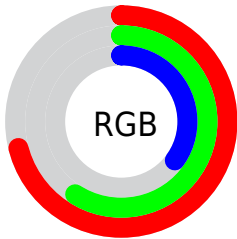
Format	Color
RYB	134, 181, 89
Decimal	11900761
CIELab	64.00, 3.17, 36.63
CIELCh	64, 36.767, 85.051
Yxy	32.8017, 0.4057, 0.4152
Android (android.graphics.Color)	4290090841 (0xFFB59759)
YUV	152.9020, -31.5037, 24.6419
Hunter-Lab	57.2727, -0.3529, 25.4440

Details

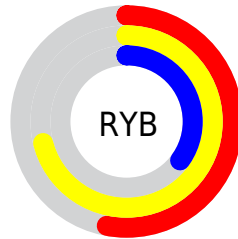
The CIELCh color **64, 36.767, 85.051** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **50, 36.796, 280.883**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 36.909, 84.823**, and **44, 36.643, 84.593** is the 20% darker color. If you saturate the color by 10%, you get **62, 44.032, 83.615**, and if you desaturate by 10%, it is **66, 29.369, 86.442**.

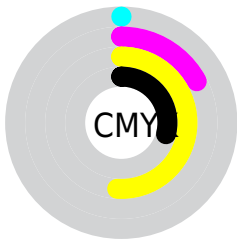
Distribution



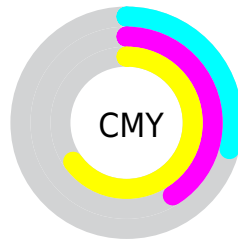
- Red (71%)
- Green (59%)
- Blue (35%)



- Red (53%)
- Yellow (71%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (51%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 36.767, 85.051 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 64, 36.767, 85.051 by changing the saturation by 10% instead.

 64, 36.767, 85.051

 64, 36.767, 85.051

 100, 36.767,
85.051

 54, 36.767, 85.051

 84, 36.767, 85.051

 44, 36.767, 85.051

 94, 36.767, 85.051

 34, 36.767, 85.051

 24, 36.767, 85.051

 14, 36.767, 85.051

 4, 36.767, 85.051

 0, 36.767, 85.051

 64, 36.767, 85.051

 64, 36.767, 85.051

 62, 44.032, 83.615

 66, 29.369, 86.442

61, 50.888, 82.091

68, 21.989, 87.788

59, 56.865, 80.414

70, 14.701, 89.094

57, 61.291, 78.452

72, 7.542, 90.350

56, 63.916, 76.364

74, 0.524, 91.186

76, 6.352, 272.818

78, 13.093,
273.929

80, 19.707,
275.001

82, 26.203,
276.023

Harmonies

Complementary

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



64, 36.767, 85.051



50, 36.796, 280.883

Rectangle

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



64, 36.767, 85.051



64, 36.767, 135.051



64, 36.767, 265.051



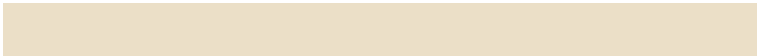
64, 36.767, 315.051

Sweetspot

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



64, 36.767, 85.055



89, 13.020, 89.794



50, 40.616, 0.297



47, 8.895, 89.533



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



64, 36.767, 85.055



79, 54.482, 83.431



71, 48.549, 113.161



38, 4.003, 90.522



48, 57.105, 76.725



6, 9.750, 81.148

Inverse Universe

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



50, 36.796, 280.883



58, 55.154, 284.029



44, 55.263, 301.856



36, 4.006, 272.930



26, 67.447, 296.511



3, 11.883, 278.091

Previews

White Background



This preview shows how the CIELCh color 64, 36.767, 85.051 looks on a white background.

Color Contrast Check

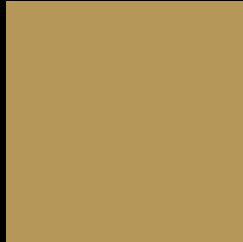
Large Text (above 18pt) WCAG AA × Fail

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 64, 36.767, 85.051 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 64, 36.767, 85.051

Background



This preview shows how black text looks on a background with the CIELCh color 64, 36.767, 85.051.



This preview shows how white text looks on a background with the CIELCh color 64, 36.767, 85.051.

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


64, 36.767, 85.051

Protanopia

64, 35.592, 95.621

Deuteranopia

64, 37.283, 77.118



Tritanopia
64, 17.954, 1.480

Trichromacy



Original Color
64, 36.767, 85.051

Protanomaly
64, 36.155, 92.136

Deuteranomaly
64, 36.788, 79.841

Tritanomaly
64, 18.300, 49.415

Monochromacy



Original Color
64, 36.767, 85.051

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 13.046, 88.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 36.767, 85.051 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(181, 151, 89)` looks like.

```
.text, #text, p{  
    color:rgb(181, 151, 89)  
}
```

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(181, 151, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 151, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 36.767, 85.051 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(181, 151, 89) }
```

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

```
.border{ border-color:rgb(181, 151, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 151, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 151, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 151, 89);  
box-shadow:4px 4px 4px 4px rgb(181, 151,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 36.767, 85.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 151, 89) }
```

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

```
.background{ background-color: rgb(181,  
151, 89) }
```

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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