

Converting Colors

CIELCh(65, 50.165, 91.729)

Have a look what the booklet for
CIELCh(65, 50.165, 91.729) contains.

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Color

CIELCh(65, 50.165, 91.729)

Conversions

Conversions Part 1

Format	Color
Hex	B59C40
RGB	181, 156, 64
RGB Percent	71%, 61%, 25%
CMY	0.2895, 0.3876, 0.7484
CMYK	0.00, 0.14, 0.65, 0.29
HSL	47°, 48%, 48%
HSV	47°, 65%, 71%
XYZ	31.9418, 34.0472, 9.7618
YIQ	152.9870, 44.4320, -23.3120

Conversions

Conversions Part 2

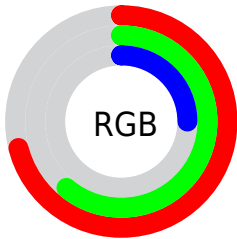
Format	Color
RYB	96, 181, 64
Decimal	11902016
CIELab	65.00, -1.51, 50.14
CIELCh	65, 50.165, 91.729
Yxy	34.0472, 0.4217, 0.4495
Android (android.graphics.Color)	4290092096 (0xFFB59C40)
YUV	152.9870, -43.8706, 24.5674
Hunter-Lab	58.3500, -4.3985, 30.9259

Details

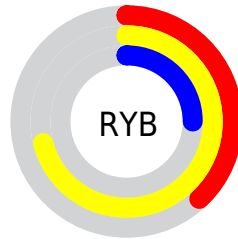
The CIELCh color **65, 50.165, 91.729** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **41, 55.682, 291.675**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 49.898, 91.751**, and **45, 50.128, 91.589** is the 20% darker color. If you saturate the color by 10%, you get **64, 56.565, 90.425**, and if you desaturate by 10%, it is **66, 42.935, 93.007**.

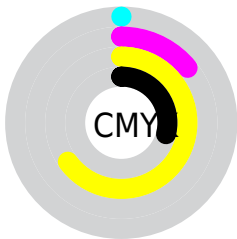
Distribution



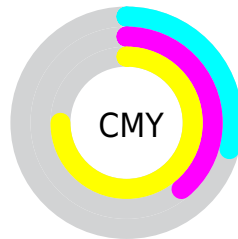
- Red (71%)
- Green (61%)
- Blue (25%)



- Red (38%)
- Yellow (71%)
- Blue (25%)



- Cyan (0%)
- Magenta (14%)
- Yellow (65%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 50.165, 91.729 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, 50.165, 91.729 by changing the saturation by 10% instead.

65, 50.165, 91.729

65, 50.165, 91.729

100, 50.165,
91.729

55, 50.165, 91.729

85, 50.165, 91.729

45, 50.165, 91.729

95, 50.165, 91.729

35, 50.165, 91.729

25, 50.165, 91.729

15, 50.165, 91.729

5, 50.165, 91.729

0, 50.165, 91.729

65, 50.165, 91.729

65, 50.165, 91.729

64, 56.565, 90.425

66, 42.935, 93.007

63, 61.584, 89.052

67, 35.259, 94.262

62, 64.620, 87.547

69, 27.375, 95.498

61, 65.729, 86.698

70, 19.422, 96.710

72, 11.479, 97.889

73, 3.588, 99.010

75, 4.229, 280.199

76, 11.961,
281.241

78, 19.606,
282.255

Harmonies

Complementary

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



65, 50.165, 91.729



41, 55.682, 291.675

Rectangle

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



65, 50.165, 91.729



65, 50.165, 141.729



65, 50.165, 271.729



65, 50.165, 321.729

Sweetspot

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



65, 50.165, 91.732



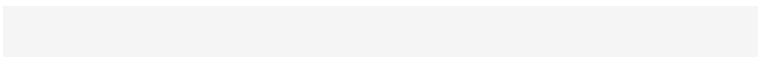
89, 18.482, 97.336



45, 50.505, 12.592



47, 12.723, 97.003



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 50.165, 91.732



80, 71.769, 89.789



69, 61.017, 117.778



38, 4.494, 98.489



53, 58.792, 86.918



7, 11.147, 93.055

Inverse Universe

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



41, 55.682, 291.675



44, 84.876, 296.015



37, 71.239, 306.471



36, 4.541, 280.702



22, 78.737, 301.610



2, 13.020, 283.031

Previews

White Background



This preview shows how the CIELCh color 65, 50.165, 91.729 looks on a white background.

Color Contrast Check

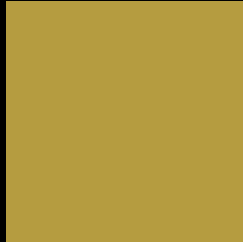
Large Text (above 18pt) WCAG AA × Fail

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, 50.165, 91.729 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, 50.165, 91.729

Background



This preview shows how black text looks on a background with the CIELCh color 65, 50.165, 91.729.



This preview shows how white text looks on a background with the CIELCh color 65, 50.165, 91.729.

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, 50.165, 91.729

Protanopia

65, 49.855, 95.422

Deuteranopia

65, 50.350, 80.371



Tritanopia
65, 17.515, 0.944

Trichromacy



Original Color
65, 50.165, 91.729

Protanomaly
65, 49.705, 93.806

Deuteranomaly
65, 50.186, 84.174

Tritanomaly
65, 21.168, 62.706

Monochromacy



Original Color
65, 50.165, 91.729

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 18.668, 96.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 50.165, 91.729 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, 156, 64)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 64)  
}
```

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, 156, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 50.165, 91.729 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, 156, 64) }
```

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

```
.border{ border-color:rgb(181, 156, 64) }
```

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

Here you see how a box with a 4 pixel rgb(181, 156, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 64);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 50.165, 91.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 64) }
```

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

```
.background{ background-color: rgb(181,  
156, 64) }
```

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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