

Converting Colors

CIELCh(65, 38.184, 87.581)

Have a look what the booklet for
CIELCh(65, 38.184, 87.581) contains.

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Color

CIELCh(65, 38.092, 87.867)

Conversions

Conversions Part 1

Format	Color
Hex	B69B59
RGB	182, 155, 89
RGB Percent	71%, 61%, 35%
CMY	0.2868, 0.3926, 0.6514
CMYK	0.00, 0.15, 0.51, 0.29
HSL	43°, 39%, 53%
HSV	43°, 51%, 71%
XYZ	32.7566, 34.0472, 14.2698
YIQ	155.5490, 37.2780, -14.8020

Conversions

Conversions Part 2

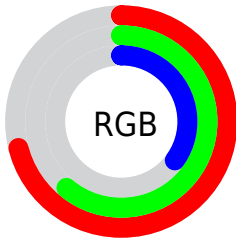
Format	Color
RYB	127, 182, 89
Decimal	11967321
CIELab	65.00, 1.42, 38.07
CIELCh	65, 38.092, 87.867
Yxy	34.0472, 0.4040, 0.4200
Android (android.graphics.Color)	4290157401 (0xFFB69B59)
YUV	155.5490, -32.8087, 23.1975
Hunter-Lab	58.3500, -1.9056, 26.3453

Details

The CIELCh color **65, 38.092, 87.867** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **49, 39.040, 283.494**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 38.221, 87.514**, and **45, 37.880, 87.600** is the 20% darker color. If you saturate the color by 10%, you get **63, 45.397, 86.470**, and if you desaturate by 10%, it is **67, 30.577, 89.227**.

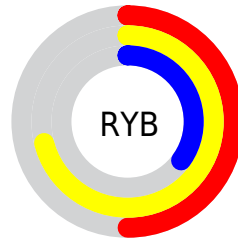
Distribution



Red (71%)

Green (61%)

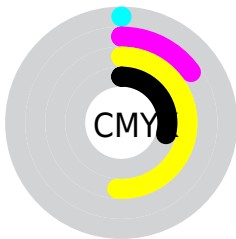
Blue (35%)



Red (50%)

Yellow (71%)

Blue (35%)

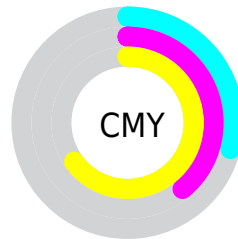


Cyan (0%)

Magenta (15%)

Yellow (51%)

Black (29%)



Cyan (29%)

Magenta (39%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 38.092, 87.867 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, 38.092, 87.867 by changing the saturation by 10% instead.

65, 38.092, 87.867

65, 38.092, 87.867

100, 38.092,
87.867

55, 38.092, 87.867

85, 38.092, 87.867

45, 38.092, 87.867

95, 38.092, 87.867

35, 38.092, 87.867

25, 38.092, 87.867

15, 38.092, 87.867

5, 38.092, 87.867

0, 38.092, 87.867

65, 38.092, 87.867

65, 38.092, 87.867

63, 45.397, 86.470

67, 30.577, 89.227

62, 52.192, 84.999

68, 23.021, 90.545

60, 57.989, 83.400

70, 15.515, 91.825

59, 62.123, 81.566

72, 8.103, 93.059

58, 64.385, 79.727

74, 0.807, 94.042

76, 6.369, 275.474

78, 13.426,
276.565

80, 20.368,
277.616

82, 27.202,
278.619

Harmonies

Complementary

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



65, 38.092, 87.867



49, 39.040, 283.494

Rectangle

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



65, 38.092, 87.867



65, 38.092, 137.867



65, 38.092, 267.867



65, 38.092, 317.867

Sweetspot

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



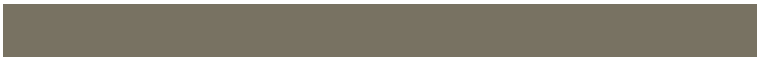
65, 38.092, 87.871



90, 13.603, 92.557



50, 40.665, 2.812



48, 9.372, 92.297



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, 38.092, 87.871



81, 56.173, 86.340



71, 49.200, 114.635



38, 4.151, 93.272



50, 57.408, 80.051



7, 10.128, 85.126

Inverse Universe

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



49, 39.040, 283.494



58, 58.603, 286.471



44, 55.854, 302.821



36, 4.168, 275.623



25, 71.211, 298.378



2, 12.236, 279.768

Previews

White Background



This preview shows how the CIELCh color 65, 38.092, 87.867 looks on a white background.

Color Contrast Check

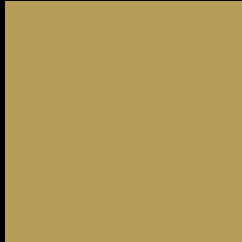
Large Text (above 18pt) WCAG AA × Fail

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, 38.092, 87.867 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, 38.092, 87.867

Background



This preview shows how black text looks on a background with the CIELCh color 65, 38.092, 87.867.



This preview shows how white text looks on a background with the CIELCh color 65, 38.092, 87.867.

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, 38.092, 87.867

Protanopia

65, 37.534, 96.018

Deuteranopia

65, 38.569, 78.117



Tritanopia
65, 17.142, 0.431

Trichromacy



Original Color
65, 38.092, 87.867

Protanomaly
65, 37.455, 93.250

Deuteranomaly
65, 37.894, 81.353

Tritanomaly
65, 17.798, 52.161

Monochromacy



Original Color
65, 38.092, 87.867

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.919, 91.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 38.092, 87.867 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(182, 155, 89)` looks like.

```
.text, #text, p{  
    color:rgb(182, 155, 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(182, 155, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 155, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 38.092, 87.867 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(182, 155, 89) }
```

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

```
.border{ border-color:rgb(182, 155, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 155, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 155, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 155, 89);  
box-shadow:4px 4px 4px 4px rgb(182, 155,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 38.092, 87.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 155, 89) }
```

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

```
.background{ background-color: rgb(182,  
155, 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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