

Converting Colors

CIELCh(66, 31.269, 88.136)

Have a look what the booklet for
CIELCh(66, 31.269, 88.136) contains.

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Color

CIELCh(66, 31.309, 88.385)

Conversions

Conversions Part 1

Format	Color
Hex	B59E68
RGB	181, 158, 104
RGB Percent	71%, 62%, 41%
CMY	0.2898, 0.3800, 0.5918
CMYK	0.00, 0.13, 0.43, 0.29
HSL	42°, 34%, 56%
HSV	42°, 43%, 71%
XYZ	33.8263, 35.3238, 18.1563
YIQ	158.7210, 31.0420, -11.9180

Conversions

Conversions Part 2

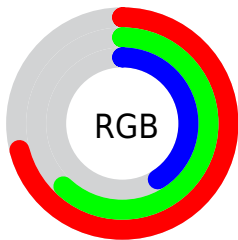
Format	Color
RYB	137, 181, 104
Decimal	11902568
CIELab	66.00, 0.88, 31.30
CIElCh	66, 31.309, 88.385
Yxy	35.3238, 0.3874, 0.4046
Android (android.graphics.Color)	4290092648 (0xFFB59E68)
YUV	158.7210, -26.9775, 19.5387
Hunter-Lab	59.4338, -2.4173, 23.4913

Details

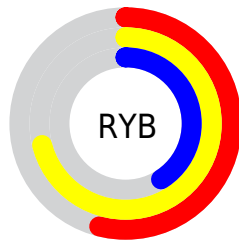
The CIELCh color **66, 31.309, 88.385** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **53, 31.678, 280.851**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 31.066, 87.944**, and **46, 31.245, 88.104** is the 20% darker color. If you saturate the color by 10%, you get **64, 38.759, 87.019**, and if you desaturate by 10%, it is **68, 23.815, 89.721**.

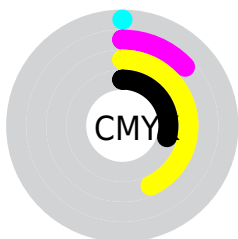
Distribution



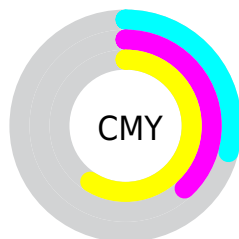
- Red (71%)
- Green (62%)
- Blue (41%)



- Red (54%)
- Yellow (71%)
- Blue (41%)



- Cyan (0%)
- Magenta (13%)
- Yellow (43%)
- Black (29%)



- Cyan (29%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 31.309, 88.385 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 66, 31.309, 88.385 by changing the saturation by 10% instead.

66, 31.309, 88.385

66, 31.309, 88.385

100, 31.309,
88.385

56, 31.309, 88.385

86, 31.309, 88.385

46, 31.309, 88.385

96, 31.309, 88.385

36, 31.309, 88.385

26, 31.309, 88.385

16, 31.309, 88.385

6, 31.309, 88.385

0, 31.309, 88.385

66, 31.309, 88.385

66, 31.309, 88.385

64, 38.759, 87.019

68, 23.815, 89.721

63, 45.984, 85.600

70, 16.370, 91.013

61, 52.666, 84.099

71, 9.023, 92.261

60, 58.293, 82.452

73, 1.795, 93.386

58, 62.185, 80.537

75, 5.308, 274.705

57, 64.088, 78.947

77, 12.287,
275.804

79, 19.148,
276.867

81, 25.899,
277.881

83, 26.493,
274.508

Harmonies

Complementary

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



66, 31.309, 88.385



53, 31.678, 280.851

Rectangle

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



66, 31.309, 88.385



66, 31.309, 138.385



66, 31.309, 268.385



66, 31.309, 318.385

Sweetspot

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



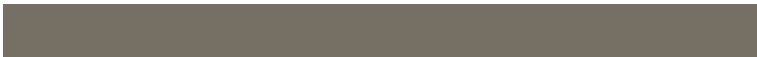
66, 31.310, 88.390



90, 11.568, 92.176



53, 33.665, 1.171



47, 8.104, 91.908



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 31.310, 88.390



82, 46.447, 87.113



71, 41.284, 115.142



38, 4.115, 92.644



49, 57.316, 79.273



7, 10.033, 84.203

Inverse Universe

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



53, 31.678, 280.851



63, 47.388, 283.104



49, 45.645, 301.797



36, 4.129, 275.009



25, 70.335, 297.960



2, 12.152, 279.382

Previews

White Background



This preview shows how the CIELCh color 66, 31.309, 88.385 looks on a white background.

Color Contrast Check

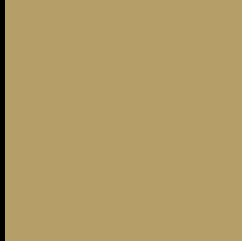
Large Text (above 18pt) WCAG AA × Fail

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 66, 31.309, 88.385 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 66, 31.309, 88.385

Background



This preview shows how black text looks on a background with the CIELCh color 66, 31.309, 88.385.



This preview shows how white text looks on a background with the CIELCh color 66, 31.309, 88.385.

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


66, 31.309, 88.385

Protanopia

66, 30.665, 95.597

Deuteranopia

66, 32.060, 74.242



Tritanopia
66, 15.430, 355.583

Trichromacy



Original Color
66, 31.309, 88.385

Protanomaly
66, 30.599, 92.264

Deuteranomaly
66, 31.485, 79.103

Tritanomaly
66, 14.309, 47.756

Monochromacy



Original Color
66, 31.309, 88.385

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.496, 92.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 31.309, 88.385 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, 158, 104)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 104)  
}
```

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, 158, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 31.309, 88.385 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, 158, 104) }
```

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

```
.border{ border-color:rgb(181, 158, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 104);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 31.309, 88.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 104) }
```

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

```
.background{ background-color: rgb(181,  
158, 104) }
```

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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