

Converting Colors

CIELCh(68, 54.021, 96.461)

Have a look what the booklet for
CIELCh(68, 54.021, 96.461) contains.

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Color

CIELCh(68, 54.021, 96.461)

Conversions

Conversions Part 1

Format	Color
Hex	B8A740
RGB	184, 167, 64
RGB Percent	72%, 65%, 25%
CMY	0.2803, 0.3468, 0.7507
CMYK	0.00, 0.09, 0.65, 0.28
HSL	52°, 49%, 48%
HSV	52°, 65%, 72%
XYZ	34.3038, 37.9720, 10.3071
YIQ	160.3410, 43.1950, -28.4290

Conversions

Conversions Part 2

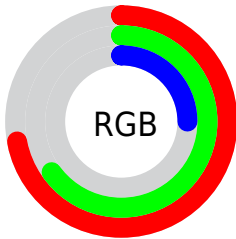
Format	Color
RYB	84, 184, 64
Decimal	12101440
CIELab	68.00, -6.08, 53.68
CIElCh	68, 54.021, 96.461
Yxy	37.9720, 0.4154, 0.4598
Android (android.graphics.Color)	4290291520 (0xFFB8A740)
YUV	160.3410, -47.4961, 20.7489
Hunter-Lab	61.6215, -8.4691, 33.2179

Details

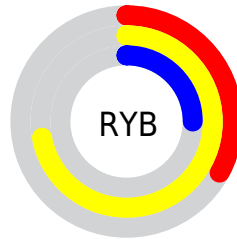
The CIELCh color **68, 54.021, 96.461** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **38, 62.674, 295.393**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 53.880, 96.311**, and **48, 54.018, 96.111** is the 20% darker color. If you saturate the color by 10%, you get **67, 60.396, 95.385**, and if you desaturate by 10%, it is **69, 46.618, 97.568**.

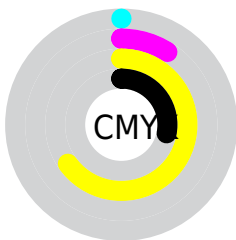
Distribution



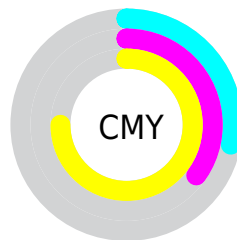
- Red (72%)
- Green (65%)
- Blue (25%)



- Red (33%)
- Yellow (72%)
- Blue (25%)



- Cyan (0%)
- Magenta (9%)
- Yellow (65%)
- Black (28%)



- Cyan (28%)
- Magenta (35%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 54.021, 96.461 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 68, 54.021, 96.461 by changing the saturation by 10% instead.

 68, 54.021, 96.461

 68, 54.021, 96.461

 100, 54.021,
96.461

 58, 54.021, 96.461

 88, 54.021, 96.461

 48, 54.021, 96.461

 98, 54.021, 96.461

 38, 54.021, 96.461

 28, 54.021, 96.461

 18, 54.021, 96.461

 8, 54.021, 96.461

 0, 54.021, 96.461

 68, 54.021, 96.461

 68, 54.021, 96.461

 67, 60.396, 95.385

 69, 46.618, 97.568

66, 65.198, 94.328

70, 38.602, 98.691

66, 67.925, 93.272

71, 30.251, 99.820

65, 68.789, 92.783

72, 21.736,
100.943

73, 13.159,
102.048

74, 4.580, 103.115

75, 3.966, 284.222

76, 12.459,
285.215

78, 20.887,
286.183

Harmonies

Complementary

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



68, 54.021, 96.461



38, 62.674, 295.393

Rectangle

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



68, 54.021, 96.461



68, 54.021, 146.461



68, 54.021, 276.461



68, 54.021, 326.461

Sweetspot

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



68, 54.021, 96.464



92, 21.294, 101.501



45, 52.211, 18.016



48, 14.520, 101.192



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 54.021, 96.464



85, 76.375, 94.965



70, 63.184, 120.598



38, 4.848, 102.698



56, 60.942, 92.926



8, 12.371, 99.680

Inverse Universe

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



38, 62.674, 295.393



42, 94.784, 299.172



38, 72.717, 308.215



36, 4.921, 284.777



20, 84.747, 303.816



2, 13.795, 285.766

Previews

White Background



This preview shows how the CIELCh color 68, 54.021, 96.461 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 68, 54.021, 96.461 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 68, 54.021, 96.461

Background



This preview shows how black text looks on a background with the CIELCh color 68, 54.021, 96.461.



This preview shows how white text looks on a background with the CIELCh color 68, 54.021, 96.461.

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

68, 54.021, 96.461

Protanopia

68, 54.190, 95.481

Deuteranopia

68, 53.929, 81.022



Tritanopia
68, 15.342, 355.529

Trichromacy



Original Color
68, 54.021, 96.461

Protanomaly
68, 54.110, 95.953

Deuteranomaly
68, 53.494, 86.490

Tritanomaly
68, 20.578, 72.443

Monochromacy



Original Color
68, 54.021, 96.461

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 20.504, 99.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 54.021, 96.461 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, 167, 64)` looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 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(184, 167, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 54.021, 96.461 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, 167, 64) }
```

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

```
.border{ border-color:rgb(184, 167, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 167, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 64);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 54.021, 96.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 64) }
```

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

```
.background{ background-color: rgb(184,  
167, 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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