

Converting Colors

CIELCh(65, 34.744, 103.047)

Have a look what the booklet for
CIELCh(65, 34.744, 103.047)
contains.

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Color

CIELCh(65, 34.827, 102.845)

Conversions

Conversions Part 1

Format	Color
Hex	A5A060
RGB	165, 160, 96
RGB Percent	65%, 63%, 38%
CMY	0.3524, 0.3720, 0.6230
CMYK	0.00, 0.03, 0.42, 0.35
HSL	56°, 28%, 51%
HSV	56°, 42%, 65%
XYZ	30.2553, 34.0472, 16.0728
YIQ	154.1990, 23.5240, -18.8440

Conversions

Conversions Part 2

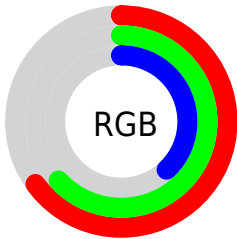
Format	Color
RYB	101, 165, 96
Decimal	10854496
CIELab	65.00, -7.74, 33.96
CIELCh	65, 34.827, 102.845
Yxy	34.0472, 0.3764, 0.4236
Android (android.graphics.Color)	4289044576 (0xFFA5A060)
YUV	154.1990, -28.6921, 9.4725
Hunter-Lab	58.3500, -9.5576, 24.5132

Details

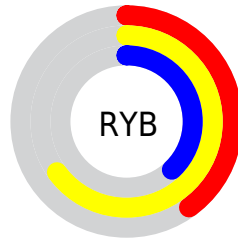
The CIELCh color **65, 34.827, 102.845** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **45, 38.160, 292.932**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 34.777, 103.190**, and **45, 34.817, 102.848** is the 20% darker color. If you saturate the color by 10%, you get **64, 42.663, 101.853**, and if you desaturate by 10%, it is **66, 26.675, 103.869**.

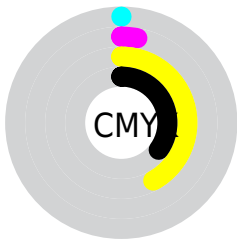
Distribution



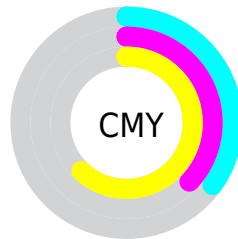
- Red (65%)
- Green (63%)
- Blue (38%)



- Red (40%)
- Yellow (65%)
- Blue (38%)



- Cyan (0%)
- Magenta (3%)
- Yellow (42%)
- Black (35%)





- Cyan (35%)
- Magenta (37%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 34.827, 102.845 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, 34.827, 102.845 by changing the saturation by 10% instead.

 65, 34.827,
102.845


 65, 34.827,
102.845


 100, 34.827,
102.845


 55, 34.827,
102.845


 85, 34.827,
102.845

 45, 34.827,
102.845

 95, 34.827,
102.845

 35, 34.827,
102.845

 25, 34.827,
102.845

 15, 34.827,
102.845

 5, 34.827, 102.845

 0, 34.827, 102.845

65, 34.827,
102.845

65, 34.827,
102.845

64, 42.663,
101.853

66, 26.675,
103.869

64, 49.955,
100.902

66, 18.348,
104.895

63, 56.369,
100.022

67, 9.939, 105.913

63, 61.467, 99.235

68, 1.503, 106.870

63, 64.808, 98.554

68, 6.926, 287.913

62, 66.477, 98.057

69, 15.325,
288.850

70, 23.679,
289.753

71, 31.981,
290.617

■ 72, 40.221,
291.438

Harmonies

Complementary

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



65, 34.827, 102.845



45, 38.160, 292.932

Rectangle

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



65, 34.827, 102.845



65, 34.827, 152.845



65, 34.827, 282.845



65, 34.827, 332.845

Sweetspot

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



65, 34.828, 102.848



85, 13.542, 105.767



49, 30.040, 17.266



44, 9.458, 105.553



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 34.828, 102.848



82, 50.966, 101.938



64, 39.242, 124.068



34, 4.722, 106.167



55, 60.568, 98.111



5, 7.205, 106.061

Inverse Universe

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



45, 38.160, 292.932



52, 57.463, 294.764



46, 42.151, 308.474



32, 4.809, 288.094



17, 84.432, 305.131



1, 7.429, 287.411

Previews

White Background



This preview shows how the CIELCh color 65, 34.827, 102.845 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 65, 34.827, 102.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

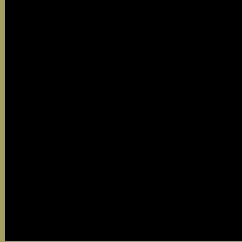
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 34.827, 102.845

Background



This preview shows how black text looks on a background with the CIELCh color 65, 34.827, 102.845.



This preview shows how white text looks on a background with the CIELCh color 65, 34.827, 102.845.

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, 34.827, 102.845

Protanopia

65, 34.888, 96.333

Deuteranopia

65, 34.516, 76.151



Tritanopia
65, 10.464, 340.903

Trichromacy



Original Color
65, 34.827, 102.845

Protanomaly
65, 35.145, 98.551

Deuteranomaly
65, 33.795, 85.353

Tritanomaly
65, 10.752, 74.883

Monochromacy



Original Color
65, 34.827, 102.845

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 12.766, 105.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 34.827, 102.845 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(165, 160, 96)` looks like.

```
.text, #text, p{  
    color:rgb(165, 160, 96)  
}
```

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(165, 160, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 160, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 34.827, 102.845 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(165, 160, 96) }
```

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

```
.border{ border-color:rgb(165, 160, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 160, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 160, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 160, 96);  
box-shadow:4px 4px 4px 4px rgb(165, 160,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 34.827, 102.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 160, 96) }
```

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

```
.background{ background-color: rgb(165,  
160, 96) }
```

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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