

Converting Colors

CIELCh(63, 26.794, 63.407)

Have a look what the booklet for
CIELCh(63, 26.794, 63.407) contains.

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Color

CIELCh(63, 26.565, 63.546)

Conversions

Conversions Part 1

Format	Color
Hex	BB906F
RGB	187, 144, 111
RGB Percent	73%, 56%, 44%
CMY	0.2673, 0.4359, 0.5653
CMYK	0.00, 0.23, 0.41, 0.27
HSL	26°, 36%, 58%
HSV	26°, 41%, 73%
XYZ	33.2626, 31.5869, 19.3393
YIQ	153.0950, 36.2210, -1.1470

Conversions

Conversions Part 2

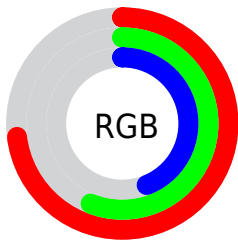
Format	Color
RYB	187, 169, 111
Decimal	12292207
CIELab	63.00, 11.83, 23.78
CIElCh	63, 26.565, 63.546
Yxy	31.5869, 0.3951, 0.3752
Android (android.graphics.Color)	4290482287 (0xFFBB906F)
YUV	153.0950, -20.7528, 29.7347
Hunter-Lab	56.2022, 7.2891, 18.9398

Details

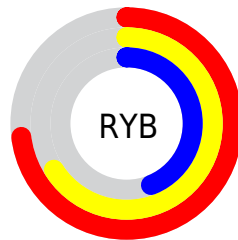
The CIELCh color $63, 26.565, 63.546$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $62, 22.527, 254.578$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.680, 63.447$, and $43, 26.510, 64.013$ is the 20% darker color. If you saturate the color by 10%, you get $60, 34.065, 62.508$, and if you desaturate by 10%, it is $66, 19.451, 64.615$.

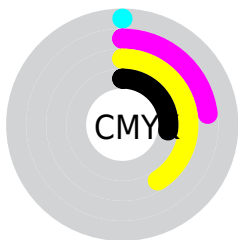
Distribution



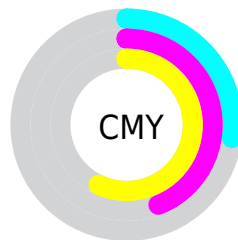
- Red (73%)
- Green (56%)
- Blue (44%)



- Red (73%)
- Yellow (66%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (27%)



- Cyan (27%)
- Magenta (44%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 26.565, 63.546 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 63, 26.565, 63.546 by changing the saturation by 10% instead.

 63, 26.565, 63.546

 63, 26.565, 63.546

 100, 26.565,
63.546

 53, 26.565, 63.546

 83, 26.565, 63.546

 43, 26.565, 63.546

 93, 26.565, 63.546

 33, 26.565, 63.546

 23, 26.565, 63.546

 13, 26.565, 63.546

 3, 26.565, 63.546

 0, 26.565, 63.546

 63, 26.565, 63.546

 63, 26.565, 63.546

 60, 34.065, 62.508

 66, 19.451, 64.615

57, 41.891, 61.471

69, 12.730, 65.691

54, 49.877, 60.392

72, 6.384, 66.757

52, 57.646, 59.148

76, 0.383, 66.876

50, 64.465, 57.468

79, 5.308, 249.074

48, 69.588, 55.477

82, 10.723,
250.101

85, 15.894,
251.128

89, 18.908,
246.253

91, 18.483,
225.318

Harmonies

Complementary

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



63, 26.565, 63.546



62, 22.527, 254.578

Rectangle

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



63, 26.565, 63.546



63, 26.565, 113.546



63, 26.565, 243.546



63, 26.565, 293.546

Sweetspot

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



63, 26.565, 63.552



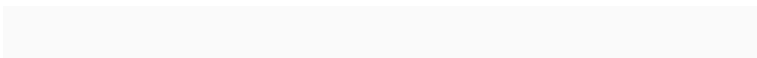
91, 8.908, 66.597



56, 37.481, 343.899



48, 5.979, 66.459



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 26.565, 63.552



77, 40.584, 62.598



73, 37.701, 103.213



38, 3.406, 66.892



40, 61.282, 55.992



5, 10.037, 52.526

Inverse Universe

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



62, 22.527, 254.578



75, 32.984, 256.869



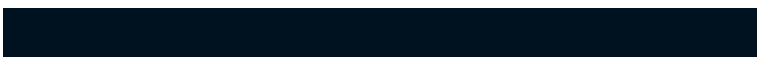
51, 41.275, 293.033



38, 3.301, 249.167



37, 43.742, 276.189



5, 10.818, 262.402

Previews

White Background



This preview shows how the CIELCh color 63, 26.565, 63.546 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 63, 26.565, 63.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

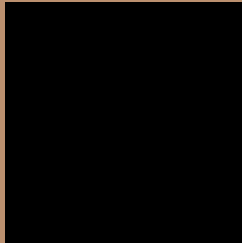
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 26.565, 63.546

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.565, 63.546.



This preview shows how white text looks on a background with the CIELCh color 63, 26.565, 63.546.

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

63, 26.565, 63.546

Protanopia

63, 21.567, 95.392

Deuteranopia

63, 25.400, 71.296



Tritanopia
63, 21.427, 6.754

Trichromacy



Original Color
63, 26.565, 63.546

Protanomaly
63, 22.698, 83.396

Deuteranomaly
63, 25.842, 68.379

Tritanomaly
63, 20.191, 30.715

Monochromacy



Original Color
63, 26.565, 63.546

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 9.028, 67.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.565, 63.546 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(187, 144, 111)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 111)  
}
```

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(187, 144, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.565, 63.546 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(187, 144, 111) }
```

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

```
.border{ border-color:rgb(187, 144, 111) }
```

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

Here you see how a box with a 4 pixel rgb(187, 144, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 144, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 144, 111);  
box-shadow:4px 4px 4px 4px rgb(187, 144,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.565, 63.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 144, 111) }
```

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

```
.background{ background-color: rgb(187,  
144, 111) }
```

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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