

Converting Colors

CIELCh(63, 58.333, 129.409)

Have a look what the booklet for
CIELCh(63, 58.333, 129.409)
contains.

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Color

CIELCh(63, 58.391, 129.289)

Conversions

Conversions Part 1

Format	Color
Hex	6DA843
RGB	109, 168, 67
RGB Percent	43%, 66%, 26%
CMY	0.5732, 0.3418, 0.7379
CMYK	0.35, 0.00, 0.60, 0.34
HSL	95°, 43%, 46%
HSV	95°, 60%, 66%
XYZ	21.2660, 31.5869, 10.2613
YIQ	138.8450, -2.7430, -43.9190

Conversions

Conversions Part 2

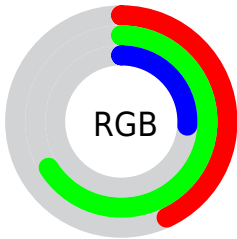
Format	Color
RYB	67, 168, 126
Decimal	7186499
CIELab	63.00, -36.98, 45.19
CIELCh	63, 58.391, 129.289
Yxy	31.5869, 0.3369, 0.5005
Android (android.graphics.Color)	4285376579 (0xFF6DA843)
YUV	138.8450, -35.4196, -26.1741
Hunter-Lab	56.2022, -30.8125, 28.5165

Details

The CIELCh color **63, 58.391, 129.289** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **40, 62.508, 314.554**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 58.406, 129.343**, and **43, 58.190, 129.371** is the 20% darker color. If you saturate the color by 10%, you get **62, 66.430, 129.086**, and if you desaturate by 10%, it is **64, 49.474, 129.663**.

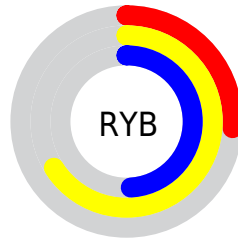
Distribution



Red (43%)

Green (66%)

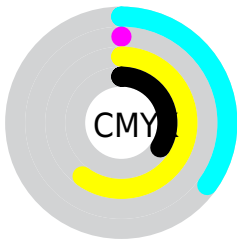
Blue (26%)



Red (26%)

Yellow (66%)

Blue (49%)

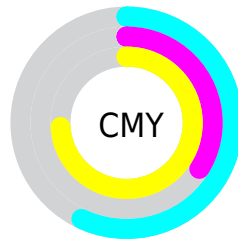


Cyan (35%)

Magenta (0%)

Yellow (60%)

Black (34%)



Cyan (57%)


Magenta (34%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 58.391, 129.289 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, 58.391, 129.289 by changing the saturation by 10% instead.

 63, 58.391,
129.289


 63, 58.391,
129.289


 100, 58.391,
129.289


 53, 58.391,
129.289


 83, 58.391,
129.289

 43, 58.391,
129.289

 93, 58.391,
129.289

 33, 58.391,
129.289

 23, 58.391,
129.289

 13, 58.391,
129.289

 3, 58.391, 129.289

 0, 58.391, 129.289

■ 63, 58.391,
129.289

■ 63, 58.391,
129.289

■ 62, 66.430,
129.086

■ 64, 49.474,
129.663

■ 62, 73.188,
129.167

■ 65, 39.994,
130.120

■ 61, 78.265,
129.653

■ 65, 30.183,
130.605

■ 61, 81.753,
130.446

■ 66, 20.204,
131.085

■ 68, 10.170,
131.544

■ 69, 0.164, 132.727

■ 70, 9.756, 312.314

■ 71, 19.550,
312.660

■ 73, 29.188,
312.964

Harmonies

Complementary

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



63, 58.391, 129.289



40, 62.508, 314.554

Rectangle

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



63, 58.391, 129.289



63, 58.391, 179.289



63, 58.391, 309.289



63, 58.391, 359.289

Sweetspot

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



63, 58.392, 129.290



85, 22.408, 131.171



56, 39.118, 75.827



45, 15.549, 131.040



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 58.392, 129.290



79, 83.881, 129.075



61, 62.229, 141.409



35, 5.669, 131.584



54, 74.371, 130.284



5, 10.499, 133.875

Inverse Universe

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



40, 62.508, 314.554



46, 90.925, 314.834



45, 61.371, 330.097



33, 5.731, 312.326



24, 81.523, 314.175



1, 10.166, 309.316

Previews

White Background



This preview shows how the CIELCh color 63, 58.391, 129.289 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, 58.391, 129.289 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, 58.391, 129.289

Background



This preview shows how black text looks on a background with the CIELCh color 63, 58.391, 129.289.



This preview shows how white text looks on a background with the CIELCh color 63, 58.391, 129.289.

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, 58.391, 129.289

Protanopia
63, 48.537, 95.627

Deuteranopia
63, 43.613, 78.976



Tritanopia
63, 13.378, 231.720

Trichromacy



Original Color
63, 58.391, 129.289

Protanomaly
63, 49.775, 110.395

Deuteranomaly
62, 44.125, 101.749

Tritanomaly
63, 23.214, 153.242

Monochromacy



Original Color
63, 58.391, 129.289

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 21.951, 130.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 58.391, 129.289 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(109, 168, 67)` looks like.

```
.text, #text, p{  
    color:rgb(109, 168, 67)  
}
```

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(109, 168, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 168, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 58.391, 129.289 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(109, 168, 67) }
```

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

```
.border{ border-color:rgb(109, 168, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 168, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 168, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 168, 67);  
box-shadow:4px 4px 4px 4px rgb(109, 168,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 58.391, 129.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 168, 67) }
```

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

```
.background{ background-color: rgb(109,  
168, 67) }
```

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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