

Converting Colors

CIELCh(64, 36.387, 158.935)

Have a look what the booklet for
CIELCh(64, 36.387, 158.935)
contains.

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Color

CIELCh(64, 36.463, 158.912)

Conversions

Conversions Part 1

Format	Color
Hex	5BAB83
RGB	91, 171, 131
RGB Percent	36%, 67%, 51%
CMY	0.6447, 0.3310, 0.4878
CMYK	0.47, 0.00, 0.23, 0.33
HSL	150°, 32%, 51%
HSV	150°, 47%, 67%
XYZ	22.8296, 32.8017, 26.4627
YIQ	142.5200, -34.8400, -29.4000

Conversions

Conversions Part 2

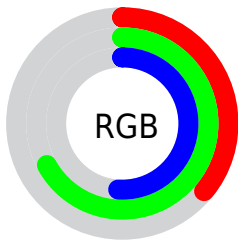
Format	Color
RYB	91, 144, 171
Decimal	6007683
CIELab	64.00, -34.02, 13.12
CIElCh	64, 36.463, 158.912
Yxy	32.8017, 0.2781, 0.3996
Android (android.graphics.Color)	4284197763 (0xFF5BAB83)
YUV	142.5200, -5.6794, -45.1830
Hunter-Lab	57.2727, -29.0750, 12.6961

Details

The CIELCh color **64, 36.463, 158.912** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **49, 38.415, 348.482**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 36.669, 158.908**, and **44, 36.197, 159.305** is the 20% darker color. If you saturate the color by 10%, you get **63, 43.367, 157.506**, and if you desaturate by 10%, it is **65, 29.097, 160.154**.

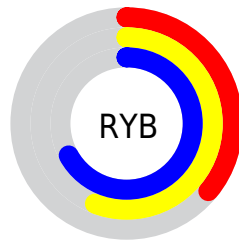
Distribution



Red (36%)

Green (67%)

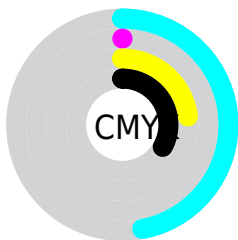
Blue (51%)



Red (36%)

Yellow (56%)

Blue (67%)

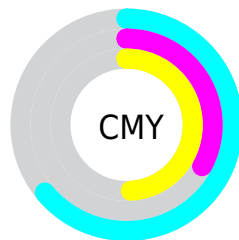


Cyan (47%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (64%)


Magenta (33%)

Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 36.463, 158.912 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 64, 36.463, 158.912 by changing the saturation by 10% instead.

 64, 36.463,
158.912

 64, 36.463,
158.912


 100, 36.463,
158.912


 54, 36.463,
158.912


 84, 36.463,
158.912

 44, 36.463,
158.912

 94, 36.463,
158.912

 34, 36.463,
158.912

 24, 36.463,
158.912

 14, 36.463,
158.912

 4, 36.463, 158.912

 0, 36.463, 158.912

■ 64, 36.463,
158.912

■ 64, 36.463,
158.912

■ 63, 43.367,
157.506

■ 65, 29.097,
160.154

■ 63, 49.682,
155.916

■ 66, 21.400,
161.258

■ 62, 55.315,
154.123

■ 67, 13.499,
162.249

■ 62, 60.216,
152.123

■ 69, 5.507, 163.169

■ 61, 64.426,
149.954

■ 70, 2.482, 343.758

■ 72, 10.394,
344.599

■ 61, 65.673,
149.304

■ 74, 18.175,
345.286

■ 76, 25.786,
345.914

■ 78, 33.202,
346.498

Harmonies

Complementary

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



64, 36.463, 158.912



49, 38.415, 348.482

Rectangle

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



64, 36.463, 158.912



64, 36.463, 208.912



64, 36.463, 338.912



64, 36.463, 28.912

Sweetspot

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



64, 36.464, 158.911



86, 13.857, 162.496



65, 45.941, 126.916



46, 9.641, 162.299



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 36.464, 158.911



80, 52.844, 157.490



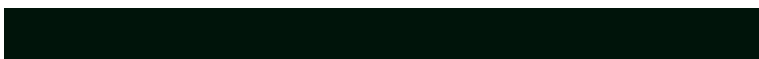
65, 25.601, 197.293



35, 4.473, 162.951



54, 58.781, 149.595



5, 8.588, 160.096

Inverse Universe

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



49, 38.415, 348.482



59, 55.851, 350.021



48, 35.748, 24.385



33, 4.529, 344.379



31, 56.542, 1.204



2, 7.799, 347.594

Previews

White Background



This preview shows how the CIELCh color 64, 36.463, 158.912 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 64, 36.463, 158.912 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 64, 36.463, 158.912

Background



This preview shows how black text looks on a background with the CIELCh color 64, 36.463, 158.912.



This preview shows how white text looks on a background with the CIELCh color 64, 36.463, 158.912.

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
64, 36.463, 158.912

Protanopia
64, 17.683, 94.679

Deuteranopia
64, 13.608, 54.851



Tritanopia
64, 20.889, 220.036

Trichromacy



Original Color
64, 36.463, 158.912

Protanomaly
63, 21.005, 134.050

Deuteranomaly
63, 14.189, 128.403

Tritanomaly
64, 23.134, 190.442

Monochromacy



Original Color
64, 36.463, 158.912

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 13.693, 162.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 36.463, 158.912 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(91, 171, 131)` looks like.

```
.text, #text, p{  
    color:rgb(91, 171, 131)  
}
```

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(91, 171, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 171, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 36.463, 158.912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

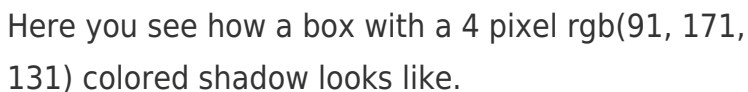
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 171, 131) }
```

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

```
.border{ border-color:rgb(91, 171, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 171, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 171, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 171, 131);  
box-shadow:4px 4px 4px 4px rgb(91, 171,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 36.463, 158.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 171, 131) }
```

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

```
.background{ background-color: rgb(91, 171,  
131) }
```

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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