

Converting Colors

CIELCh(58, 37.204, 146.961)

Have a look what the booklet for
CIELCh(58, 37.204, 146.961)
contains.

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Color

CIELCh(58, 37.081, 147.060)

Conversions

Conversions Part 1

Format	Color
Hex	5B9967
RGB	91, 153, 103
RGB Percent	36%, 60%, 40%
CMY	0.6434, 0.4002, 0.5963
CMYK	0.41, 0.00, 0.33, 0.40
HSL	132°, 25%, 48%
HSV	132°, 41%, 60%
XYZ	18.1346, 25.9610, 16.8718
YIQ	128.7620, -20.9020, -28.6940

Conversions

Conversions Part 2

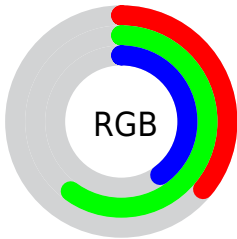
Format	Color
R_{YB}	91, 143, 153
Decimal	6003047
CIE _{Lab}	58.00, -31.12, 20.16
CIE _{LCh}	58, 37.081, 147.060
Yxy	25.9610, 0.2974, 0.4258
Android (android.graphics.Color)	4284193127 (0xFF5B9967)
YUV	128.7620, -12.7007, -33.1173
Hunter-Lab	50.9519, -25.6350, 16.0335

Details

The CIELCh color $58, 37.081, 147.060$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47, 37.174, 332.874$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 37.346, 146.752$, and $38, 37.121, 147.007$ is the 20% darker color. If you saturate the color by 10%, you get $57, 45.718, 145.922$, and if you desaturate by 10%, it is $59, 28.085, 148.051$.

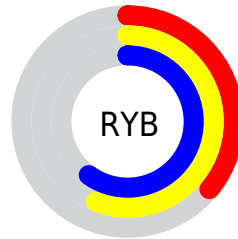
Distribution



Red (36%)

Green (60%)

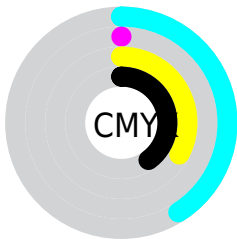
Blue (40%)



Red (36%)

Yellow (56%)

Blue (60%)

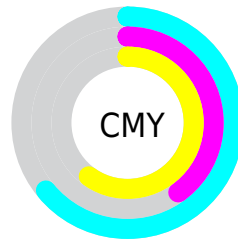


Cyan (41%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (64%)


Magenta (40%)


Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 37.081, 147.060 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 58, 37.081, 147.060 by changing the saturation by 10% instead.

 58, 37.081,
147.060


 58, 37.081,
147.060


 100, 37.081,
147.060


 48, 37.081,
147.060


 78, 37.081,
147.060

 38, 37.081,
147.060

 88, 37.081,
147.060

 28, 37.081,
147.060

 98, 37.081,
147.060

 18, 37.081,
147.060

 8, 37.081, 147.060

 0, 37.081, 147.060

■ 58, 37.081,
147.060

■ 58, 37.081,
147.060

■ 57, 45.718,
145.922

■ 59, 28.085,
148.051

■ 56, 53.802,
144.630

■ 60, 18.897,
148.910

■ 56, 61.134,
143.192

■ 62, 9.659, 149.661

■ 55, 67.518,
141.640

■ 63, 0.484, 150.794

■ 65, 8.545, 330.799

■ 55, 72.780,
140.041

■ 66, 17.370,
331.297

■ 55, 76.709,
138.677

■ 68, 25.952,
331.727

■ 70, 34.271,
332.104

■ 72, 42.316,
332.438

Harmonies

Complementary

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



58, 37.081, 147.060



47, 37.174, 332.874

Rectangle

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



58, 37.081, 147.060



58, 37.081, 197.060



58, 37.081, 327.060



58, 37.081, 17.060

Sweetspot

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



58, 37.082, 147.060



78, 13.638, 149.539



61, 34.315, 114.578



41, 9.028, 149.455



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 37.082, 147.060



73, 54.954, 145.991



59, 25.114, 170.724



32, 5.177, 149.754



51, 71.784, 138.808



3, 5.591, 150.197

Inverse Universe

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



47, 37.174, 332.874



57, 54.853, 333.522



46, 28.068, 359.553



30, 5.193, 330.832



31, 63.932, 337.515



1, 5.525, 330.775

Previews

White Background



This preview shows how the CIELCh color 58, 37.081, 147.060 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 58, 37.081, 147.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

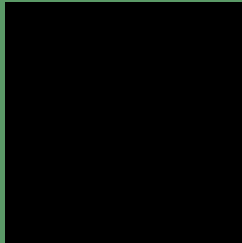
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 37.081, 147.060

Background



This preview shows how black text looks on a background with the CIELCh color 58, 37.081, 147.060.



This preview shows how white text looks on a background with the CIELCh color 58, 37.081, 147.060.

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
58, 37.081, 147.060

Protanopia
58, 24.110, 95.872

Deuteranopia
58, 19.851, 67.477



Tritanopia
58, 15.978, 223.671

Trichromacy



Original Color
58, 37.081, 147.060

Protanomaly
58, 25.978, 121.372

Deuteranomaly
57, 19.203, 111.688

Tritanomaly
58, 19.301, 178.611

Monochromacy



Original Color
58, 37.081, 147.060

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 13.841, 150.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 37.081, 147.060 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, 153, 103)` looks like.

```
.text, #text, p{  
    color:rgb(91, 153, 103)  
}
```

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, 153, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 153, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 37.081, 147.060 is called "border". The border property can be set on classes, ids or directly on the HTML element.

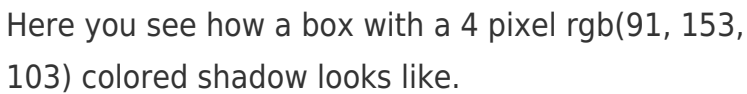
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 153, 103) }
```

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

```
.border{ border-color:rgb(91, 153, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 153, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 153, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 153, 103); box-shadow:4px 4px 4px 4px rgb(91, 153, 103) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 37.081, 147.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 153, 103) }
```

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

```
.background{ background-color: rgb(91, 153,  
103) }
```

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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