

Converting Colors

CIELCh(58, 37.730, 120.645)

Have a look what the booklet for
CIELCh(58, 37.730, 120.645)
contains.

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Color

CIELCh(58, 37.537, 120.664)

Conversions

Conversions Part 1

Format	Color
Hex	7D9351
RGB	125, 147, 81
RGB Percent	49%, 58%, 32%
CMY	0.5084, 0.4221, 0.6811
CMYK	0.15, 0.00, 0.45, 0.42
HSL	80°, 29%, 45%
HSV	80°, 45%, 58%
XYZ	20.4935, 25.9610, 11.7793
YIQ	132.8980, 8.0740, -25.1900

Conversions

Conversions Part 2

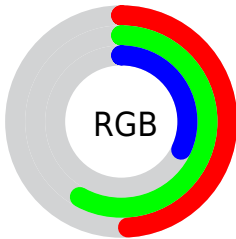
Format	Color
R_YB	81, 147, 103
Decimal	8229713
CIE _{Lab}	58.00, -19.14, 32.29
CIE _{LCh}	58, 37.537, 120.664
Yxy	25.9610, 0.3519, 0.4458
Android (android.graphics.Color)	4286419793 (0xFF7D9351)
YUV	132.8980, -25.5857, -6.9265
Hunter-Lab	50.9519, -17.3708, 21.9594

Details

The CIELCh color $58, 37.537, 120.664$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40, 41.031, 306.041$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 37.259, 120.579$, and $38, 37.195, 120.895$ is the 20% darker color. If you saturate the color by 10%, you get $57, 45.275, 120.231$, and if you desaturate by 10%, it is $59, 29.420, 121.175$.

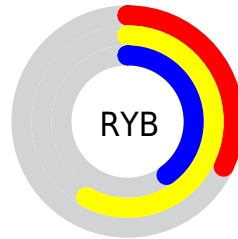
Distribution



Red (49%)

Green (58%)

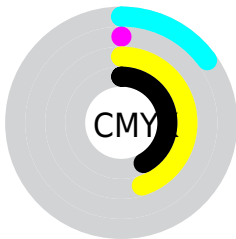
Blue (32%)



Red (32%)

Yellow (58%)

Blue (40%)

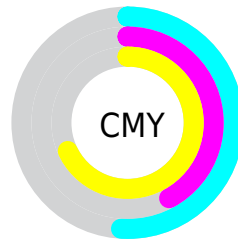


Cyan (15%)

Magenta (0%)

Yellow (45%)

Black (42%)



Cyan (51%)


Magenta (42%)

Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 37.537, 120.664 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, 37.537, 120.664 by changing the saturation by 10% instead.


 58, 37.537,
120.664


 58, 37.537,
120.664


 100, 37.537,
120.664


 48, 37.537,
120.664


 78, 37.537,
120.664

 38, 37.537,
120.664

 88, 37.537,
120.664

 28, 37.537,
120.664

 98, 37.537,
120.664

 18, 37.537,
120.664

 8, 37.537, 120.664

 0, 37.537, 120.664

■ 58, 37.537,
120.664

■ 58, 37.537,
120.664

■ 57, 45.275,
120.231

■ 59, 29.420,
121.175

■ 57, 52.408,
119.933

■ 59, 21.075,
121.717

■ 57, 58.630,
119.857

■ 60, 12.608,
122.265

■ 56, 63.583,
120.111

■ 61, 4.090, 122.808

■ 56, 66.989,
120.782

■ 61, 4.427, 303.297

■ 56, 68.491,
121.177

■ 62, 12.910,
303.788

■ 63, 21.330,
304.241

■ 64, 29.671,
304.660

■ 65, 37.917,
305.047

Harmonies

Complementary

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



58, 37.537, 120.664



40, 41.031, 306.041

Rectangle

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



58, 37.537, 120.664



58, 37.537, 170.664



58, 37.537, 300.664



58, 37.537, 350.664

Sweetspot

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



58, 37.538, 120.666



76, 13.692, 122.350



47, 24.564, 50.935



40, 9.655, 122.238



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 37.538, 120.666



73, 55.149, 120.220



56, 42.867, 136.767



31, 4.824, 122.570



52, 65.154, 121.085



2, 4.232, 123.045

Inverse Universe

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



40, 41.031, 306.041



46, 61.846, 306.883



43, 43.556, 321.213



29, 4.908, 303.541



17, 81.405, 309.020



0, 4.232, 303.044

Previews

White Background



This preview shows how the CIELCh color 58, 37.537, 120.664 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 CIELCh color 58, 37.537, 120.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

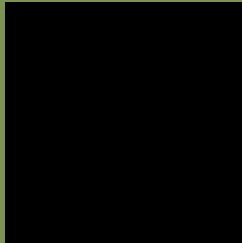
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 37.537, 120.664

Background



This preview shows how black text looks on a background with the CIELCh color 58, 37.537, 120.664.



This preview shows how white text looks on a background with the CIELCh color 58, 37.537, 120.664.

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](#).

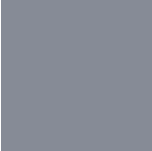
Dichromacy



Original Color
58, 37.537, 120.664

Protanopia
58, 34.504, 95.570

Deuteranopia
58, 31.691, 76.902



Tritanopia
58, 6.499, 274.134

Trichromacy



Original Color
58, 37.537, 120.664

Protanomaly
58, 34.807, 105.327

Deuteranomaly
58, 30.869, 94.839

Tritanomaly
58, 10.624, 133.550

Monochromacy



Original Color
58, 37.537, 120.664

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 14.030, 122.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 37.537, 120.664 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(125, 147, 81)` looks like.

```
.text, #text, p{  
    color:rgb(125, 147, 81)  
}
```

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(125, 147, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 147, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 37.537, 120.664 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(125, 147, 81) }
```

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

```
.border{ border-color:rgb(125, 147, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 147, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 147, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 147, 81);  
box-shadow:4px 4px 4px 4px rgb(125, 147,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 37.537, 120.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 147, 81) }
```

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

```
.background{ background-color: rgb(125,  
147, 81) }
```

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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