

Converting Colors

CIELCh(57, 24.551, 107.507)

Have a look what the booklet for
CIELCh(57, 24.551, 107.507)
contains.

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Color

CIELCh(57, 24.158, 107.284)

Conversions

Conversions Part 1

Format	Color
Hex	8B8B60
RGB	139, 139, 96
RGB Percent	55%, 55%, 38%
CMY	0.4537, 0.4537, 0.6224
CMYK	0.00, 0.00, 0.31, 0.45
HSL	60°, 18%, 46%
HSV	60°, 31%, 55%
XYZ	22.1039, 24.9227, 14.7838
YIQ	134.0980, 13.8030, -13.3730

Conversions

Conversions Part 2

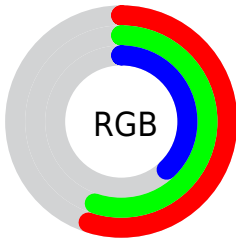
Format	Color
RYB	96, 139, 96
Decimal	9145184
CIELab	57.00, -7.18, 23.07
CIELCh	57, 24.158, 107.284
Yxy	24.9227, 0.3576, 0.4032
Android (android.graphics.Color)	4287335264 (0xFF8B8B60)
YUV	134.0980, -18.7823, 4.2991
Hunter-Lab	49.9226, -8.3313, 17.3880

Details

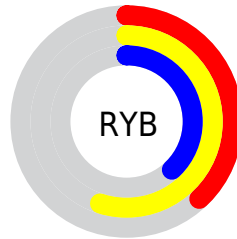
The CIELCh color $57, 24.158, 107.284$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 25.979, 293.856$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 23.919, 106.968$, and $37, 24.065, 107.355$ is the 20% darker color. If you saturate the color by 10%, you get $57, 31.703, 106.374$, and if you desaturate by 10%, it is $57, 16.424, 108.222$.

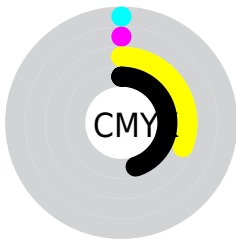
Distribution



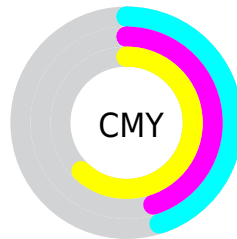
- Red (55%)
- Green (55%)
- Blue (38%)



- Red (38%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (45%)



- Cyan (45%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 24.158, 107.284 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 57, 24.158, 107.284 by changing the saturation by 10% instead.

 57, 24.158,
107.284

 57, 24.158,
107.284

 100, 24.158,
107.284

 47, 24.158,
107.284

 77, 24.158,
107.284

 37, 24.158,
107.284

 87, 24.158,
107.284

 27, 24.158,
107.284

 97, 24.158,
107.284

 17, 24.158,
107.284

 7, 24.158, 107.284

 0, 24.158, 107.284

■ 57, 24.158,
107.284

■ 57, 24.158,
107.284

■ 57, 31.703,
106.374

■ 57, 16.424,
108.222

■ 57, 38.928,
105.504

■ 58, 8.582, 109.159

■ 58, 0.688, 110.024

■ 56, 45.641,
104.706

■ 58, 7.223, 291.014

■ 56, 51.570,
104.012

■ 59, 15.126,
291.895

■ 56, 56.373,
103.461

■ 59, 23.003,
292.744

■ 56, 59.716,
103.083

■ 60, 30.842,
293.558

■ 56, 61.810,
102.850

■ 60, 38.633,
294.331

■ 61, 46.368,
295.064

Harmonies

Complementary

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



57, 24.158, 107.284



42, 25.979, 293.856

Rectangle

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



57, 24.158, 107.284



57, 24.158, 157.284



57, 24.158, 287.284



57, 24.158, 337.284

Sweetspot

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



57, 24.159, 107.288



73, 8.795, 109.316



45, 18.823, 20.631



39, 6.159, 109.194



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 24.159, 107.288



72, 35.649, 106.652



55, 25.833, 127.080



29, 4.410, 109.321



54, 59.634, 102.850



1, 2.056, 110.175

Inverse Universe

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



42, 25.979, 293.856



51, 39.111, 294.953



44, 26.981, 309.971



26, 4.503, 291.090



14, 82.344, 306.287



0, 2.057, 290.176

Previews

White Background



This preview shows how the CIELCh color 57, 24.158, 107.284 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 57, 24.158, 107.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

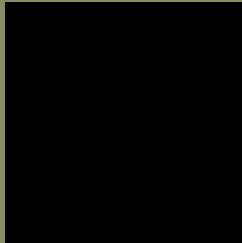
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 24.158, 107.284

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.158, 107.284.



This preview shows how white text looks on a background with the CIELCh color 57, 24.158, 107.284.

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


57, 24.158, 107.284

Protanopia

57, 24.170, 95.820

Deuteranopia

57, 23.453, 72.171



Tritanopia
57, 7.859, 327.203

Trichromacy



Original Color
57, 24.158, 107.284

Protanomaly
57, 24.384, 100.070

Deuteranomaly
57, 22.819, 84.966

Tritanomaly
57, 5.579, 74.046

Monochromacy



Original Color
57, 24.158, 107.284

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.099, 109.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 24.158, 107.284 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(139, 139, 96)` looks like.

```
.text, #text, p{  
    color:rgb(139, 139, 96)  
}
```

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(139, 139, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 139, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.158, 107.284 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(139, 139, 96) }
```

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

```
.border{ border-color:rgb(139, 139, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 139, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 139, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 139, 96);  
box-shadow:4px 4px 4px 4px rgb(139, 139,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.158, 107.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 139, 96) }
```

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

```
.background{ background-color: rgb(139,  
139, 96) }
```

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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