

Converting Colors

CIELCh(57, 22.186, 331.552)

Have a look what the booklet for
CIELCh(57, 22.186, 331.552)
contains.

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Color

CIELCh(57, 22.161, 331.544)

Conversions

Conversions Part 1

Format	Color
Hex	A37E9C
RGB	163, 126, 156
RGB Percent	64%, 49%, 61%
CMY	0.3627, 0.5077, 0.3901
CMYK	0.00, 0.23, 0.04, 0.36
HSL	311°, 17%, 56%
HSV	311°, 23%, 64%
XYZ	28.3667, 24.9227, 34.5556
YIQ	140.4830, 12.4220, 17.1740

Conversions

Conversions Part 2

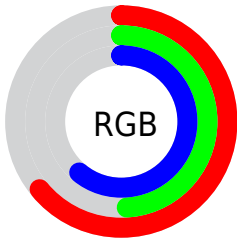
Format	Color
R_{YB}	163, 126, 156
Decimal	10714780
CIE _{Lab}	57.00, 19.48, -10.56
CIE _{LCh}	57, 22.161, 331.544
Yxy	24.9227, 0.3229, 0.2837
Android (android.graphics.Color)	4288904860 (0xFFA37E9C)
YUV	140.4830, 7.6499, 19.7474
Hunter-Lab	49.9226, 14.0616, -6.0937

Details

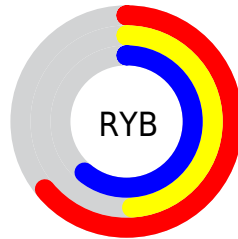
The CIELCh color $57, 22.161, 331.544$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 22.075, 148.571$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 22.256, 330.917$, and $37, 22.014, 331.531$ is the 20% darker color. If you saturate the color by 10%, you get $53, 31.846, 332.199$, and if you desaturate by 10%, it is $61, 12.375, 330.904$.

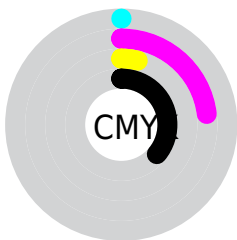
Distribution



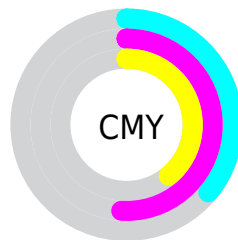
- Red (64%)
- Green (49%)
- Blue (61%)



- Red (64%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (36%)




- Cyan (36%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 22.161, 331.544 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, 22.161, 331.544 by changing the saturation by 10% instead.

 57, 22.161,
331.544

 57, 22.161,
331.544

 100, 22.161,
331.544

 47, 22.161,
331.544

 77, 22.161,
331.544

 37, 22.161,
331.544

 87, 22.161,
331.544

 27, 22.161,
331.544

 97, 22.161,
331.544

 17, 22.161,
331.544

 7, 22.161, 331.544

 0, 22.161, 331.544

57, 22.161,
331.544

57, 22.161,
331.544

53, 31.846,
332.199

61, 12.375,
330.904

49, 41.200,
332.869

66, 2.655, 330.218

46, 49.904,
333.558

70, 6.896, 149.770

43, 57.568,
334.270

75, 16.218,
149.189

40, 63.769,
335.016

79, 25.279,
148.651

39, 68.136,
335.818

84, 34.066,
148.143


37, 70.476,
336.705

88, 42.582,
147.663

37, 71.321,

93, 50.516,
147.263

337.394

 93, 49.286,
148.381

Harmonies

Complementary

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



57, 22.161, 331.544



63, 22.075, 148.571

Rectangle

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



57, 22.161, 331.544



57, 22.161, 21.544



57, 22.161, 151.544



57, 22.161, 201.544

Sweetspot

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



57, 22.159, 331.545



81, 8.394, 330.543



54, 21.521, 299.161



43, 5.499, 330.579



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



57, 22.159, 331.545



70, 32.606, 331.854



56, 16.223, 357.107



32, 5.497, 330.682



33, 65.803, 337.291



1, 8.225, 331.802

Inverse Universe

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



57, 22.159, 331.545



70, 32.606, 331.854



64, 15.262, 172.689



32, 5.497, 330.682



33, 65.803, 337.291



1, 8.225, 331.802

Previews

White Background



This preview shows how the CIELCh color 57, 22.161, 331.544 looks on a white background.

Color Contrast Check

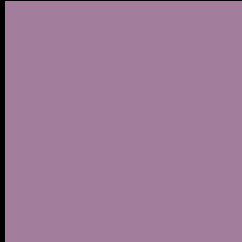
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 22.161, 331.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

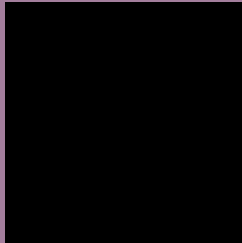
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 22.161, 331.544

Background



This preview shows how black text looks on a background with the CIELCh color 57, 22.161, 331.544.



This preview shows how white text looks on a background with the CIELCh color 57, 22.161, 331.544.

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, 22.161, 331.544

Protanopia

57, 14.871, 286.351

Deuteranopia

57, 12.522, 307.190



Tritanopia
57, 13.603, 356.302

Trichromacy



Original Color
57, 22.161, 331.544

Protanomaly
57, 16.582, 306.154

Deuteranomaly
57, 16.060, 318.273

Tritanomaly
57, 16.164, 344.569

Monochromacy



Original Color
57, 22.161, 331.544

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.077, 329.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 22.161, 331.544 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(163, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(163, 126, 156)  
}
```

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(163, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 126, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 22.161, 331.544 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(163, 126, 156) }
```

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

```
.border{ border-color:rgb(163, 126, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(163, 126,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 22.161, 331.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 126, 156) }
```

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

```
.background{ background-color: rgb(163,  
126, 156) }
```

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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