

Converting Colors

CIELCh(57, 25.662, 327.149)

Have a look what the booklet for
CIELCh(57, 25.662, 327.149)
contains.

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Color

CIELCh(57, 25.691, 327.156)

Conversions

Conversions Part 1

Format	Color
Hex	A37CA1
RGB	163, 124, 161
RGB Percent	64%, 49%, 63%
CMY	0.3593, 0.5123, 0.3671
CMYK	0.00, 0.24, 0.01, 0.36
HSL	303°, 18%, 56%
HSV	303°, 24%, 64%
XYZ	28.9051, 24.9227, 37.1836
YIQ	139.8790, 11.3670, 19.7750

Conversions

Conversions Part 2

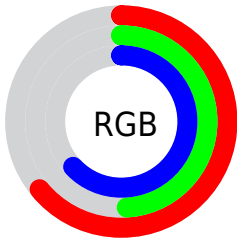
Format	Color
R_{YB}	163, 124, 161
Decimal	10714273
CIE _{Lab}	57.00, 21.58, -13.93
CIE _{LCh}	57, 25.691, 327.156
Yxy	24.9227, 0.3176, 0.2738
Android (android.graphics.Color)	4288904353 (0xFFA37CA1)
YUV	139.8790, 10.4127, 20.2771
Hunter-Lab	49.9226, 15.9866, -9.2148

Details

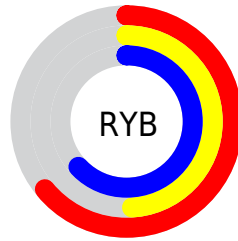
The CIELCh color $57, 25.691, 327.156$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $63, 25.668, 144.277$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 25.618, 326.820$, and $37, 25.303, 327.688$ is the 20% darker color. If you saturate the color by 10%, you get $53, 36.325, 327.705$, and if you desaturate by 10%, it is $61, 14.898, 326.596$.

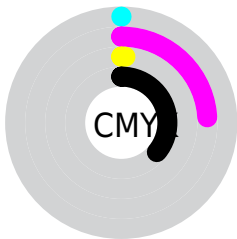
Distribution



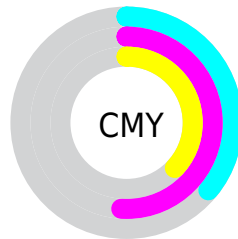
- Red (64%)
- Green (49%)
- Blue (63%)



- Red (64%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (36%)





- Cyan (36%)
- Magenta (51%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 25.691, 327.156 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, 25.691, 327.156 by changing the saturation by 10% instead.


 57, 25.691,
327.156


 57, 25.691,
327.156


 100, 25.691,
327.156


 47, 25.691,
327.156


 77, 25.691,
327.156

 37, 25.691,
327.156

 87, 25.691,
327.156

 27, 25.691,
327.156

 97, 25.691,
327.156

 17, 25.691,
327.156

 7, 25.691, 327.156

 0, 25.691, 327.156

57, 25.691,
327.156

57, 25.691,
327.156

53, 36.325,
327.705

61, 14.898,
326.596

49, 46.540,
328.232

65, 4.142, 326.004

70, 6.454, 145.554

46, 55.991,
328.727

74, 16.811,
145.007

43, 64.274,
329.178

79, 26.885,
144.497

41, 70.974,
329.576

83, 36.655,
144.014

40, 75.763,
329.916


88, 46.118,
143.557

39, 78.506,
330.204

93, 55.231,
143.130

38, 79.591,

330.365

 93, 54.885,
143.382

Harmonies

Complementary

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



57, 25.691, 327.156



63, 25.668, 144.277

Rectangle

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



57, 25.691, 327.156



57, 25.691, 17.156



57, 25.691, 147.156



57, 25.691, 197.156

Sweetspot

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



57, 25.689, 327.156



81, 9.243, 326.208



54, 22.592, 294.629



43, 6.056, 326.240



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, 25.689, 327.156



70, 38.472, 327.468



56, 18.361, 348.638



32, 6.052, 326.333



34, 73.077, 330.343



2, 9.265, 326.310

Inverse Universe

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



57, 25.689, 327.156



70, 38.472, 327.468



64, 17.694, 164.282



32, 6.052, 326.333



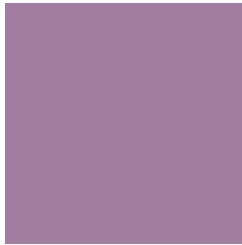
34, 73.077, 330.343



2, 9.265, 326.310

Previews

White Background



This preview shows how the CIELCh color 57, 25.691, 327.156 looks on a white background.

Color Contrast Check

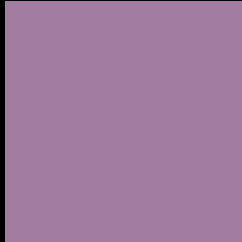
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.691, 327.156 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, 25.691, 327.156

Background



This preview shows how black text looks on a background with the CIELCh color 57, 25.691, 327.156.



This preview shows how white text looks on a background with the CIELCh color 57, 25.691, 327.156.

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, 25.691, 327.156

Protanopia

57, 18.917, 284.926

Deuteranopia

57, 15.001, 298.906



Tritanopia
57, 13.603, 356.302

Trichromacy



Original Color
57, 25.691, 327.156

Protanomaly
57, 19.836, 302.878

Deuteranomaly
57, 19.019, 312.652

Tritanomaly
57, 17.484, 340.829

Monochromacy



Original Color
57, 25.691, 327.156

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 9.899, 326.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 25.691, 327.156 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, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(163, 124, 161)  
}
```

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, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 124, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 25.691, 327.156 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, 124, 161) }
```

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

```
.border{ border-color:rgb(163, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(163, 124,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 25.691, 327.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 124, 161) }
```

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

```
.background{ background-color: rgb(163,  
124, 161) }
```

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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