

Converting Colors

CIELCh(57, 23.369, 225.731)

Have a look what the booklet for
CIELCh(57, 23.369, 225.731)
contains.

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Color

CIELCh(57, 23.344, 225.661)

Conversions

Conversions Part 1

Format	Color
Hex	4D92A5
RGB	77, 146, 165
RGB Percent	30%, 57%, 65%
CMY	0.6973, 0.4267, 0.3522
CMYK	0.53, 0.12, 0.00, 0.35
HSL	193°, 36%, 48%
HSV	193°, 53%, 65%
XYZ	20.1912, 24.9227, 39.4317
YIQ	127.5350, -47.2230, -8.7190

Conversions

Conversions Part 2

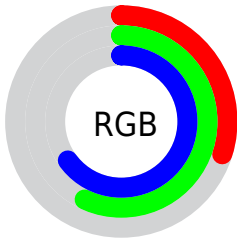
Format	Color
R _Y B	77, 116, 165
Decimal	5083813
CIE Lab	57.00, -16.32, -16.70
CIE LCh	57, 23.344, 225.661
Yxy	24.9227, 0.2388, 0.2948
Android (android.graphics.Color)	4283273893 (0xFF4D92A5)
YUV	127.5350, 18.4702, -44.3192
Hunter-Lab	49.9226, -15.1701, -11.8848

Details

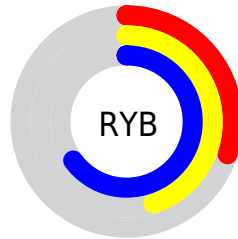
The CIELCh color **57, 23.344, 225.661** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 34.637, 41.352**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 23.402, 225.603**, and **37, 23.328, 226.007** is the 20% darker color. If you saturate the color by 10%, you get **55, 26.226, 227.449**, and if you desaturate by 10%, it is **59, 19.892, 224.280**.

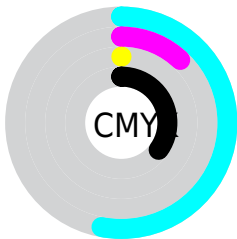
Distribution



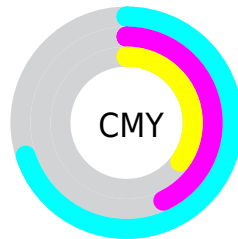
- Red (30%)
- Green (57%)
- Blue (65%)



- Red (30%)
- Yellow (45%)
- Blue (65%)



- Cyan (53%)
- Magenta (12%)
- Yellow (0%)
- Black (35%)





- Cyan (70%)
- Magenta (43%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 23.344, 225.661 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, 23.344, 225.661 by changing the saturation by 10% instead.


 57, 23.344,
225.661


 57, 23.344,
225.661


 100, 23.344,
225.661


 47, 23.344,
225.661


 77, 23.344,
225.661

 37, 23.344,
225.661

 87, 23.344,
225.661

 27, 23.344,
225.661

 97, 23.344,
225.661

 17, 23.344,
225.661

 7, 23.344, 225.661

 0, 23.344, 225.661

57, 23.344,
225.661

57, 23.344,
225.661

55, 26.226,
227.449

59, 19.892,
224.280

54, 28.506,
229.733

61, 15.930,
223.236

52, 30.196,
232.592

63, 11.530,
222.463

51, 31.362,
236.085

65, 6.765, 221.919

67, 1.707, 221.718

50, 32.010,
238.645

69, 3.580, 41.037

72, 9.042, 40.941

74, 14.631, 40.863

77, 20.310, 40.835

Harmonies

Complementary

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



57, 23.344, 225.661



48, 34.637, 41.352

Rectangle

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



57, 23.344, 225.661



57, 23.344, 275.661



57, 23.344, 45.661



57, 23.344, 95.661

Sweetspot

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



57, 23.343, 225.659



81, 9.999, 222.061



61, 50.833, 145.750



42, 6.702, 222.162



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, 23.343, 225.659



70, 32.404, 227.843



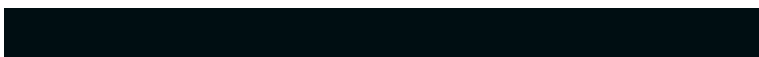
44, 37.186, 283.286



33, 2.885, 221.768



44, 29.099, 238.155



3, 4.508, 227.390

Inverse Universe

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



46, 50.086, 334.687



55, 71.502, 335.619



59, 36.435, 86.862



32, 5.393, 331.634



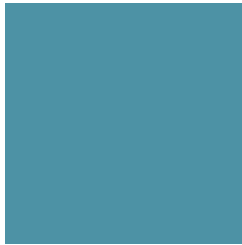
32, 64.529, 338.890



1, 8.045, 332.947

Previews

White Background



This preview shows how the CIELCh color 57, 23.344, 225.661 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, 23.344, 225.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

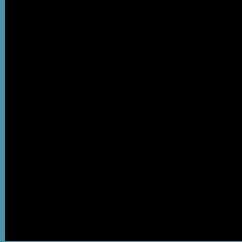
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 23.344, 225.661

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.344, 225.661.



This preview shows how white text looks on a background with the CIELCh color 57, 23.344, 225.661.

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, 23.344, 225.661

Protanopia
57, 13.164, 286.958

Deuteranopia
57, 20.022, 292.501



Tritanopia
57, 23.208, 214.821

Trichromacy



Original Color
57, 23.344, 225.661

Protanomaly
57, 15.364, 254.172

Deuteranomaly
57, 18.310, 264.467

Tritanomaly
57, 23.140, 217.945

Monochromacy



Original Color
57, 23.344, 225.661

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 9.890, 222.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.344, 225.661 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(77, 146, 165)` looks like.

```
.text, #text, p{  
    color:rgb(77, 146, 165)  
}
```

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(77, 146, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 146, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.344, 225.661 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(77, 146, 165) }
```

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

```
.border{ border-color:rgb(77, 146, 165) }
```

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

Here you see how a box with a 4 pixel rgb(77, 146, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 146, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 146, 165);  
box-shadow:4px 4px 4px 4px rgb(77, 146,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.344, 225.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 146, 165) }
```

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

```
.background{ background-color: rgb(77, 146,  
165) }
```

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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