

Converting Colors

CIELCh(57, 24.617, 229.220)

Have a look what the booklet for
CIELCh(57, 24.617, 229.220)
contains.

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Color

CIELCh(57, 24.654, 230.241)

Conversions

Conversions Part 1

Format	Color
Hex	4A92A9
RGB	74, 146, 169
RGB Percent	29%, 57%, 66%
CMY	0.7093, 0.4270, 0.3368
CMYK	0.56, 0.14, 0.00, 0.34
HSL	195°, 39%, 48%
HSV	195°, 56%, 66%
XYZ	20.3026, 24.9227, 41.3340
YIQ	127.0940, -50.2950, -8.1110

Conversions

Conversions Part 2

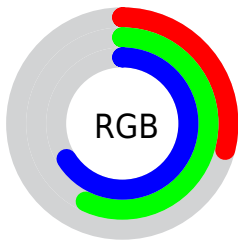
Format	Color
R_{YB}	74, 115, 169
Decimal	4887209
CIE _{Lab}	57.00, -15.77, -18.95
CIE _{LCh}	57, 24.654, 230.241
Yxy	24.9227, 0.2346, 0.2879
Android (android.graphics.Color)	4283077289 (0xFF4A92A9)
YUV	127.0940, 20.6597, -46.5634
Hunter-Lab	49.9226, -14.7720, -14.1440

Details

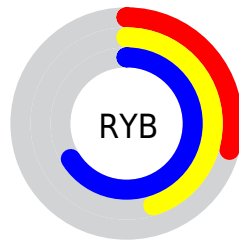
The CIELCh color **57, 24.654, 230.241** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 37.134, 43.738**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 24.613, 229.932**, and **37, 24.537, 231.336** is the 20% darker color. If you saturate the color by 10%, you get **55, 27.497, 232.447**, and if you desaturate by 10%, it is **59, 21.252, 228.509**.

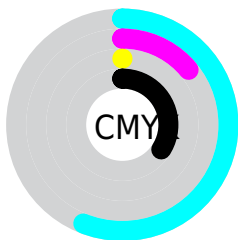
Distribution



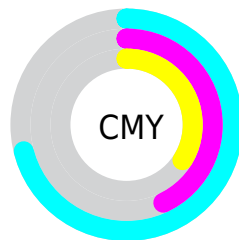
- Red (29%)
- Green (57%)
- Blue (66%)



- Red (29%)
- Yellow (45%)
- Blue (66%)



- Cyan (56%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)





- Cyan (71%)
- Magenta (43%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 24.654, 230.241 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, 24.654, 230.241 by changing the saturation by 10% instead.


 57, 24.654,
230.241


 57, 24.654,
230.241


 100, 24.654,
230.241


 47, 24.654,
230.241


 77, 24.654,
230.241

 37, 24.654,
230.241

 87, 24.654,
230.241

 27, 24.654,
230.241

 97, 24.654,
230.241

 17, 24.654,
230.241

 7, 24.654, 230.241

 0, 24.654, 230.241

57, 24.654,
230.241

57, 24.654,
230.241

55, 27.497,
232.447

59, 21.252,
228.509

53, 29.770,
235.218

61, 17.342,
227.169

52, 31.507,
238.628

63, 12.987,
226.148

50, 32.817,
242.686

65, 8.259, 225.387

50, 33.303,
244.282

68, 3.228, 224.891

70, 2.043, 44.087

73, 7.496, 43.945

75, 13.086, 43.756

78, 18.773, 43.625

Harmonies

Complementary

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



57, 24.654, 230.241



49, 37.134, 43.738

Rectangle

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



57, 24.654, 230.241



57, 24.654, 280.241



57, 24.654, 50.241



57, 24.654, 100.241

Sweetspot

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



57, 24.653, 230.240



83, 10.697, 225.461



62, 53.023, 146.461



43, 7.107, 225.593



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 24.653, 230.240



70, 33.991, 232.961



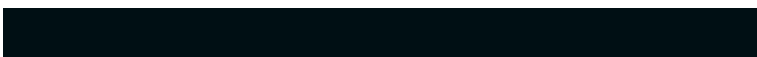
43, 42.008, 286.247



34, 2.929, 225.007



44, 30.101, 243.731



4, 5.384, 232.871

Inverse Universe

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



46, 52.488, 336.043



55, 73.959, 337.095



61, 40.081, 89.024



33, 5.430, 332.604



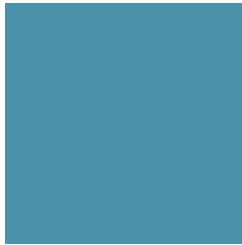
33, 64.134, 340.559



2, 9.370, 334.710

Previews

White Background



This preview shows how the CIELCh color 57, 24.654, 230.241 looks on a white background.

Color Contrast Check

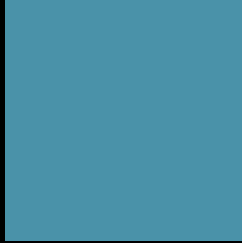
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.654, 230.241 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, 24.654, 230.241

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.654, 230.241.



This preview shows how white text looks on a background with the CIELCh color 57, 24.654, 230.241.

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, 24.654, 230.241

Protanopia

57, 14.891, 286.366

Deuteranopia

57, 22.299, 290.979



Tritanopia
57, 24.498, 213.767

Trichromacy



Original Color
57, 24.654, 230.241

Protanomaly
57, 17.030, 256.346

Deuteranomaly
57, 20.663, 265.587

Tritanomaly
57, 24.168, 219.942

Monochromacy



Original Color
57, 24.654, 230.241

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 10.405, 225.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 24.654, 230.241 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(74, 146, 169)` looks like.

```
.text, #text, p{  
    color:rgb(74, 146, 169)  
}
```

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(74, 146, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 146, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.654, 230.241 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(74, 146, 169) }
```

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

```
.border{ border-color:rgb(74, 146, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 146, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 146, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 146, 169);  
box-shadow:4px 4px 4px 4px rgb(74, 146,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.654, 230.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 146, 169) }
```

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

```
.background{ background-color: rgb(74, 146,  
169) }
```

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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