

Converting Colors

CIELCh(57, 44.584, 266.489)

Have a look what the booklet for
CIELCh(57, 44.584, 266.489)
contains.

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Color

CIELCh(57, 44.647, 266.724)

Conversions

Conversions Part 1

Format	Color
Hex	308ED6
RGB	48, 142, 214
RGB Percent	19%, 56%, 84%
CMY	0.8101, 0.4422, 0.1598
CMYK	0.77, 0.34, 0.00, 0.16
HSL	206°, 67%, 52%
HSV	206°, 77%, 84%
XYZ	23.1167, 24.9227, 67.3837
YIQ	122.1020, -79.1360, 2.4640

Conversions

Conversions Part 2

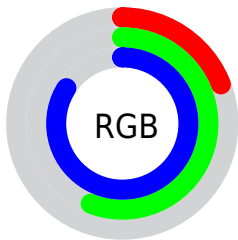
Format	Color
R _Y B	48, 108, 214
Decimal	3182294
CIE Lab	57.00, -2.55, -44.57
CIE LCh	57, 44.647, 266.724
Yxy	24.9227, 0.2003, 0.2159
Android (android.graphics.Color)	4281372374 (0xFF308ED6)
YUV	122.1020, 45.3057, -64.9875
Hunter-Lab	49.9226, -4.7101, -45.0816

Details

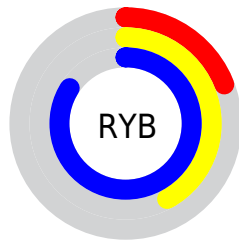
The CIELCh color $57, 44.647, 266.724$ is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be $60, 61.714, 59.493$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 37.506, 258.751$, and $38, 42.812, 274.581$ is the 20% darker color. If you saturate the color by 10%, you get $54, 49.567, 271.256$, and if you desaturate by 10%, it is $60, 39.638, 262.706$.

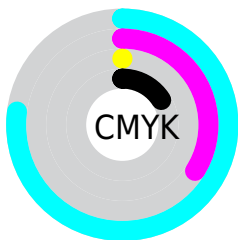
Distribution



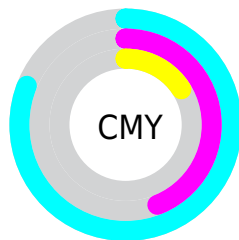
- Red (19%)
- Green (56%)
- Blue (84%)



- Red (19%)
- Yellow (42%)
- Blue (84%)



- Cyan (77%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 44.647, 266.724 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, 44.647, 266.724 by changing the saturation by 10% instead.

 57, 44.647,
266.724

 57, 44.647,
266.724

 100, 44.647,
266.724

 47, 44.647,
266.724

 77, 44.647,
266.724

 37, 44.647,
266.724

 87, 44.647,
266.724

 27, 44.647,
266.724

 97, 44.647,
266.724

 17, 44.647,
266.724

 7, 44.647, 266.724

 0, 44.647, 266.724

■ 57, 44.647,
266.724

■ 57, 44.647,
266.724

■ 54, 49.567,
271.256

■ 60, 39.638,
262.706

■ 51, 54.549,
276.121

■ 64, 34.437,
259.250

■ 50, 55.888,
277.341

■ 67, 28.987,
256.340

■ 71, 23.272,
253.920

■ 75, 17.311,
251.918

■ 79, 11.138,
250.270

■ 83, 4.792, 248.944

■ 87, 1.685, 67.439

Harmonies

Complementary

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



57, 44.647, 266.724



60, 61.714, 59.493

Rectangle

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



57, 44.647, 266.724



57, 44.647, 316.724



57, 44.647, 86.724



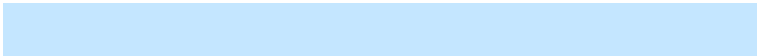
57, 44.647, 136.724

Sweetspot

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



57, 44.646, 266.725



90, 16.829, 251.190



76, 70.925, 150.580



46, 11.590, 251.823



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 44.646, 266.725



61, 60.207, 274.414



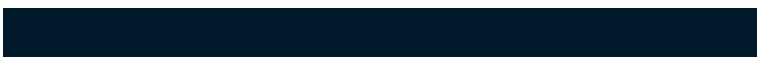
35, 93.321, 301.512



43, 3.664, 249.182



40, 46.563, 276.514



8, 15.598, 265.505

Inverse Universe

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



50, 70.683, 349.795



56, 85.629, 354.267



80, 73.283, 99.801



42, 5.784, 340.968



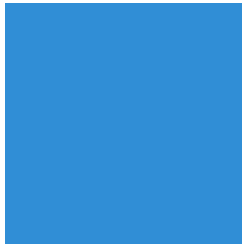
37, 63.912, 355.690



5, 24.299, 349.732

Previews

White Background



This preview shows how the CIE LCh color 57, 44.647, 266.724 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, 44.647, 266.724 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, 44.647, 266.724

Background



This preview shows how black text looks on a background with the CIELCh color 57, 44.647, 266.724.



This preview shows how white text looks on a background with the CIELCh color 57, 44.647, 266.724.

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





Tritanopia
57, 32.711, 208.903

Trichromacy



Original Color
57, 44.647, 266.724

Protanomaly
56, 43.398, 277.780

Deuteranomaly
57, 45.589, 275.181

Tritanomaly
57, 33.321, 233.419

Monochromacy



Original Color
57, 44.647, 266.724

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 18.905, 255.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 44.647, 266.724 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(48, 142, 214)` looks like.

```
.text, #text, p{  
    color:rgb(48, 142, 214)  
}
```

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(48, 142, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 142, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 44.647, 266.724 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(48, 142, 214) }
```

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

```
.border{ border-color:rgb(48, 142, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 142, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 142, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 142, 214);  
box-shadow:4px 4px 4px 4px rgb(48, 142,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 44.647, 266.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 142, 214) }
```

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

```
.background{ background-color: rgb(48, 142,  
214) }
```

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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