

Converting Colors

CIELCh(50, 44.444, 276.082)

Have a look what the booklet for
CIELCh(50, 44.444, 276.082)
contains.

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Color

CIELCh(50, 44.157, 275.702)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3C79C2 |
| RGB | 60, 121, 194 |
| RGB Percent | 24%, 47%, 76% |
| CMY | 0.7665, 0.5268, 0.2407 |
| CMYK | 0.69, 0.38, 0.00, 0.24 |
| HSL | 213°, 53%, 50% |
| HSV | 213°, 69%, 76% |
| XYZ | 18.3289, 18.4187, 53.4105 |
| YIQ | 111.0830, -59.7890, 9.7710 |

Conversions

Conversions Part 2

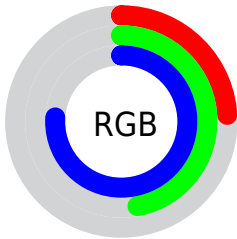
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 60, 102, 194 |
| Decimal | 3963330 |
| CIE _{Lab} | 50.00, 4.39, -43.94 |
| CIE _{LCh} | 50, 44.157, 275.702 |
| Yxy | 18.4187, 0.2033, 0.2043 |
| Android (android.graphics.Color) | 4282153410 (0xFF3C79C2) |
| YUV | 111.0830, 40.8781, -44.7998 |
| Hunter-Lab | 42.9170, 1.1286, -43.7450 |

Details

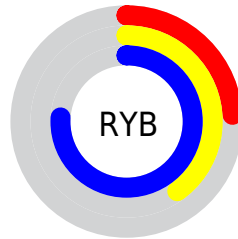
The CIELCh color **50, 44.157, 275.702** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **60, 50.339, 70.739**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 44.135, 275.809**, and **31, 43.331, 280.745** is the 20% darker color. If you saturate the color by 10%, you get **46, 50.526, 279.549**, and if you desaturate by 10%, it is **54, 37.852, 272.285**.

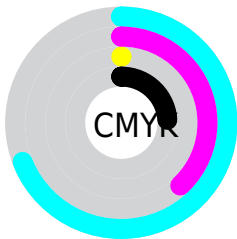
Distribution



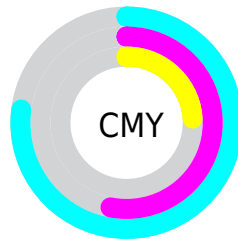
- Red (24%)
- Green (47%)
- Blue (76%)



- Red (24%)
- Yellow (40%)
- Blue (76%)



- Cyan (69%)
- Magenta (38%)
- Yellow (0%)
- Black (24%)



- Cyan (77%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 44.157, 275.702 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 50, 44.157, 275.702 by changing the saturation by 10% instead.

■ 50, 44.157,
275.702

■ 50, 44.157,
275.702

■ 100, 44.157,
275.702

■ 40, 44.157,
275.702

■ 70, 44.157,
275.702

■ 30, 44.157,
275.702

■ 80, 44.157,
275.702

■ 20, 44.157,
275.702

■ 90, 44.157,
275.702

■ 10, 44.157,
275.702

■ 0, 44.157, 275.702

■ 50, 44.157,
275.702

■ 50, 44.157,
275.702

46, 50.526,
279.549

54, 37.852,
272.285

43, 57.033,
283.721

58, 31.551,
269.321

40, 63.737,
287.957

62, 25.219,
266.790

39, 64.254,
288.255

66, 18.843,
264.645

70, 12.425,
262.835

74, 5.979, 261.320

79, 0.480, 79.274

83, 6.932, 78.779

87, 13.364, 77.831

Harmonies

Complementary

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



50, 44.157, 275.702



60, 50.339, 70.739

Rectangle

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



50, 44.157, 275.702



50, 44.157, 325.702



50, 44.157, 95.702



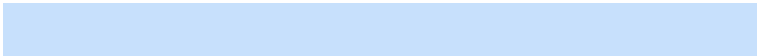
50, 44.157, 145.702

Sweetspot

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



50, 44.156, 275.703



88, 16.809, 263.188



70, 54.783, 157.145



46, 11.464, 263.684



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 44.156, 275.703



58, 65.693, 281.637



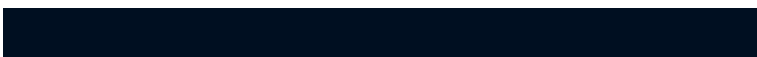
34, 81.784, 302.085



39, 3.668, 261.337



33, 55.152, 287.619



4, 13.432, 272.821

Inverse Universe

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



47, 58.256, 355.603



56, 79.737, 0.020



76, 65.886, 105.695



38, 4.946, 346.861



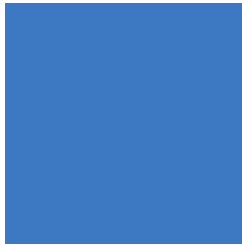
34, 59.769, 5.692



3, 15.473, 354.954

Previews

White Background



This preview shows how the CIE LCh color 50, 44.157, 275.702 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 50, 44.157, 275.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

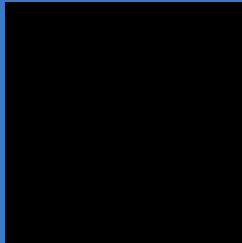
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 44.157, 275.702

Background



This preview shows how black text looks on a background with the CIELCh color 50, 44.157, 275.702.



This preview shows how white text looks on a background with the CIELCh color 50, 44.157, 275.702.

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

50, 44.157, 275.702

Protanopia

50, 42.924, 285.632

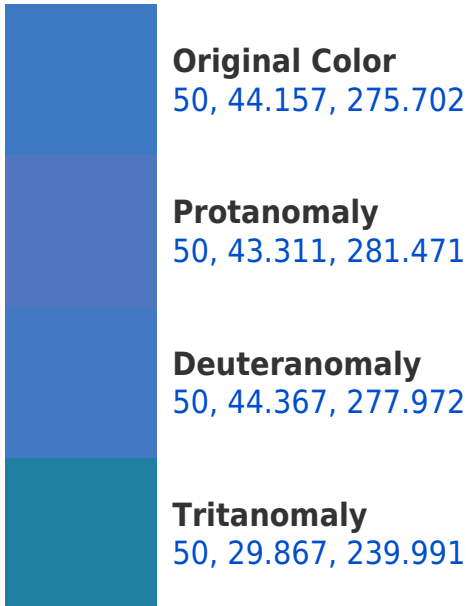
Deuteranopia

50, 44.732, 279.622

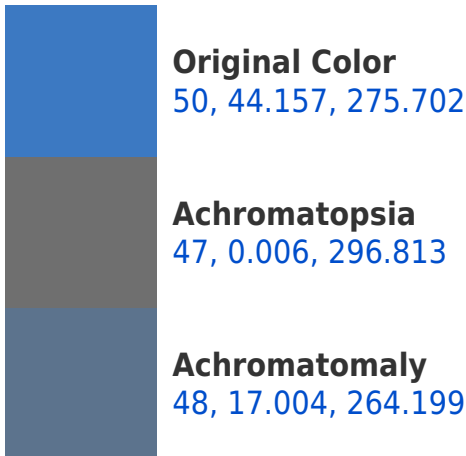


Tritanopia
50, 28.837, 209.805

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 44.157, 275.702 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(60, 121, 194)` looks like.

```
.text, #text, p{  
    color:rgb(60, 121, 194)  
}
```

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(60, 121, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 121, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 44.157, 275.702 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(60, 121, 194) }
```

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

```
.border{ border-color:rgb(60, 121, 194) }
```

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

Here you see how a box with a 4 pixel rgb(60, 121, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 121, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 121, 194);  
box-shadow:4px 4px 4px 4px rgb(60, 121,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 44.157, 275.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 121, 194) }
```

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

```
.background{ background-color: rgb(60, 121,  
194) }
```

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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