

Converting Colors

CIELCh(50, 43.199, 265.855)

Have a look what the booklet for
CIELCh(50, 43.199, 265.855)
contains.

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Color

CIELCh(50, 43.389, 266.230)

Conversions

Conversions Part 1

Format	Color
Hex	0E7CC0
RGB	14, 124, 192
RGB Percent	5%, 49%, 75%
CMY	0.9469, 0.5123, 0.2455
CMYK	0.93, 0.35, 0.00, 0.25
HSL	203°, 87%, 40%
HSV	203°, 93%, 75%
XYZ	16.9850, 18.4187, 52.7595
YIQ	98.8620, -87.3880, -2.1720

Conversions

Conversions Part 2

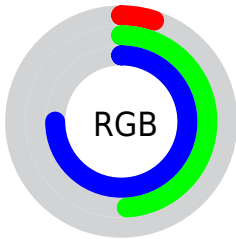
Format	Color
R_{YB}	14, 82, 192
Decimal	949440
CIE _{Lab}	50.00, -2.85, -43.30
CIE _{LCh}	50, 43.389, 266.230
Yxy	18.4187, 0.1927, 0.2089
Android (android.graphics.Color)	4279139520 (0xFF0E7CC0)
YUV	98.8620, 45.9170, -74.4240
Hunter-Lab	42.9170, -4.4609, -42.8457

Details

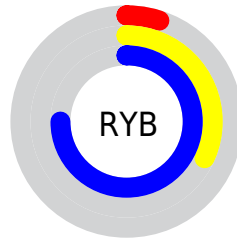
The CIELCh color **50, 43.389, 266.230** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **49, 69.033, 53.002**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 43.537, 266.514**, and **32, 40.392, 277.372** is the 20% darker color. If you saturate the color by 10%, you get **48, 45.935, 269.708**, and if you desaturate by 10%, it is **52, 39.827, 261.441**.

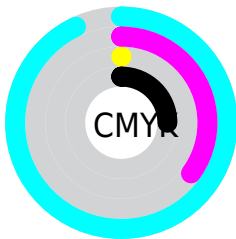
Distribution



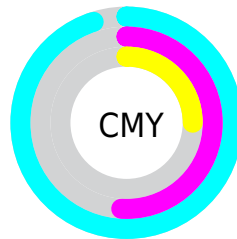
- Red (5%)
- Green (49%)
- Blue (75%)



- Red (5%)
- Yellow (32%)
- Blue (75%)



- Cyan (93%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)





- Cyan (95%)
- Magenta (51%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 43.389, 266.230 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, 43.389, 266.230 by changing the saturation by 10% instead.


 50, 43.389,
266.230


 50, 43.389,
266.230


 100, 43.389,
266.230


 40, 43.389,
266.230


 70, 43.389,
266.230

 30, 43.389,
266.230


 80, 43.389,
266.230


 20, 43.389,
266.230

 90, 43.389,
266.230

 10, 43.389,
266.230

 0, 43.389, 266.230

 50, 43.389,
266.230

 50, 43.389,
266.230

■ 48, 45.935,
269.708

■ 52, 39.827,
261.441

■ 55, 36.124,
257.195

■ 58, 32.156,
253.562

■ 61, 27.857,
250.524

■ 64, 23.208,
248.022

■ 67, 18.228,
245.978

■ 70, 12.956,
244.316

■ 73, 7.439, 242.977

■ 77, 1.726, 242.057

Harmonies

Complementary

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



50, 43.389, 266.230



49, 69.033, 53.002

Rectangle

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



50, 43.389, 266.230



50, 43.389, 316.230



50, 43.389, 86.230



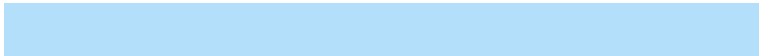
50, 43.389, 136.230

Sweetspot

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



50, 43.388, 266.231



87, 19.333, 245.185



68, 78.187, 144.748



44, 13.223, 245.948



99, 0.012, 296.813



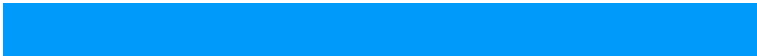
52, 0.007, 296.813

Same Dimension

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



50, 43.388, 266.231



62, 56.592, 270.589



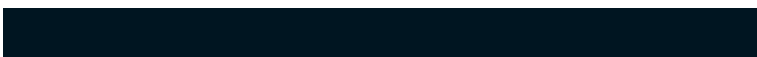
27, 95.280, 302.966



39, 3.292, 242.573



41, 39.791, 268.959



6, 11.295, 256.879

Inverse Universe

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



43, 70.862, 349.454



55, 86.556, 351.831



69, 70.289, 94.100



38, 5.530, 338.381



35, 62.551, 350.897



3, 17.111, 345.070

Previews

White Background



This preview shows how the CIELCh color 50, 43.389, 266.230 looks on a white 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

Black Background



This preview shows how the CIELCh color 50, 43.389, 266.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

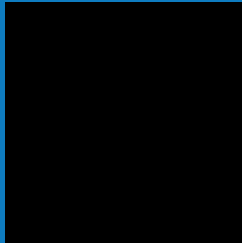
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 43.389, 266.230

Background



This preview shows how black text looks on a background with the CIELCh color 50, 43.389, 266.230.



This preview shows how white text looks on a background with the CIELCh color 50, 43.389, 266.230.

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
50, 29.743, 206.945

Trichromacy



Original Color
50, 43.354, 266.339

Protanomaly
49, 41.860, 275.674

Deuteranomaly
50, 44.083, 273.355

Tritanomaly
50, 30.714, 234.009

Monochromacy



Original Color
50, 43.354, 266.339

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 19.373, 249.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 43.389, 266.230 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(14, 124, 192)` looks like.

```
.text, #text, p{  
    color:rgb(14, 124, 192)  
}
```

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(14, 124, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 124, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 43.389, 266.230 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(14, 124, 192) }
```

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

```
.border{ border-color:rgb(14, 124, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 124, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 124, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 124, 192);  
box-shadow:4px 4px 4px 4px rgb(14, 124,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 43.389, 266.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 124, 192) }
```

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

```
.background{ background-color: rgb(14, 124,  
192) }
```

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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