

Converting Colors

CIELCh(44, 31.616, 252.419)

Have a look what the booklet for
CIELCh(44, 31.616, 252.419)
contains.

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Color

CIELCh(44, 31.811, 252.856)

Conversions

Conversions Part 1

Format	Color
Hex	126F9A
RGB	18, 111, 154
RGB Percent	7%, 44%, 60%
CMY	0.9291, 0.5646, 0.3960
CMYK	0.88, 0.28, 0.00, 0.40
HSL	199°, 79%, 34%
HSV	199°, 88%, 60%
XYZ	11.7734, 13.8382, 32.6351
YIQ	88.0950, -69.2310, -6.3430

Conversions

Conversions Part 2

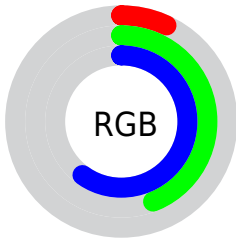
Format	Color
RYB	18, 73, 154
Decimal	1208218
CIELab	44.00, -9.38, -30.40
CIELCh	44, 31.811, 252.856
Yxy	13.8382, 0.2021, 0.2376
Android (android.graphics.Color)	4279398298 (0xFF126F9A)
YUV	88.0950, 32.4912, -61.4733
Hunter-Lab	37.1997, -8.6060, -25.9749

Details

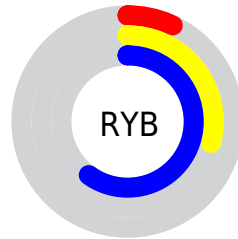
The CIELCh color **44, 31.811, 252.856** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38, 56.643, 49.495**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 31.829, 252.627**, and **26, 27.898, 266.214** is the 20% darker color. If you saturate the color by 10%, you get **42, 33.888, 257.522**, and if you desaturate by 10%, it is **46, 29.564, 248.676**.

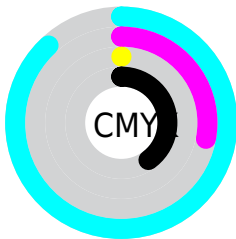
Distribution



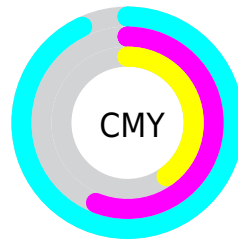
- Red (7%)
- Green (44%)
- Blue (60%)



- Red (7%)
- Yellow (29%)
- Blue (60%)



- Cyan (88%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)




- Cyan (93%)
- Magenta (56%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 31.811, 252.856 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 44, 31.811, 252.856 by changing the saturation by 10% instead.


 44, 31.811,
252.856


 44, 31.811,
252.856


 100, 31.811,
252.856


 34, 31.811,
252.856


 64, 31.811,
252.856


 24, 31.811,
252.856

 74, 31.811,
252.856

 14, 31.811,
252.856

 84, 31.811,
252.856

 4, 31.811, 252.856

 94, 31.811,
252.856

 0, 31.811, 252.856

 44, 31.811,

 44, 31.811,

252.856

■ 42, 33.888,
257.522

■ 42, 34.265,
258.308

252.856

■ 46, 29.564,
248.676

■ 48, 26.994,
245.145

■ 50, 24.040,
242.232

■ 52, 20.688,
239.868

■ 54, 16.957,
237.968

■ 57, 12.889,
236.451

■ 59, 8.532, 235.251

■ 62, 3.940, 234.336

Harmonies

Complementary

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



44, 31.811, 252.856



38, 56.643, 49.495

Rectangle

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



44, 31.811, 252.856



44, 31.811, 302.856



44, 31.811, 72.856



44, 31.811, 122.856

Sweetspot

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



44, 31.810, 252.857



73, 14.825, 236.222



56, 66.976, 143.594



38, 10.044, 236.654



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



44, 31.810, 252.857



54, 42.246, 259.430



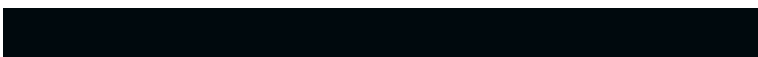
25, 70.023, 298.987



31, 2.677, 234.409



38, 31.864, 257.848



2, 2.944, 235.019

Inverse Universe

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



35, 61.504, 343.622



45, 76.421, 346.247



54, 55.907, 89.761



30, 4.758, 335.541



30, 58.814, 345.583



1, 5.062, 335.428

Previews

White Background



This preview shows how the CIE LCh color 44, 31.811, 252.856 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 CIE LCh color 44, 31.811, 252.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

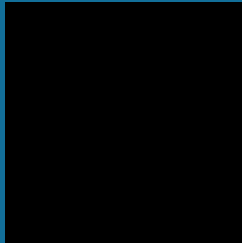
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 31.811, 252.856

Background



This preview shows how black text looks on a background with the CIELCh color 44, 31.811, 252.856.

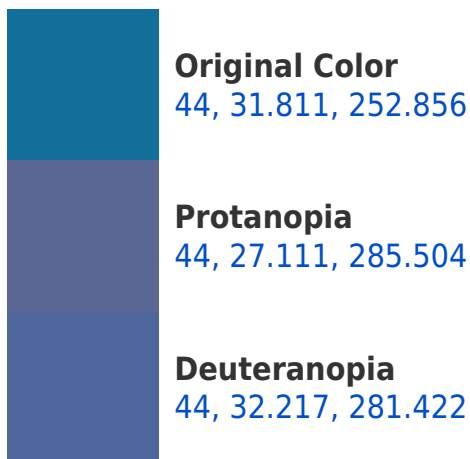



This preview shows how white text looks on a background with the CIELCh color 44, 31.811, 252.856.

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
44, 26.883, 208.379

Trichromacy



Original Color
44, 31.811, 252.856

Protanomaly
43, 28.919, 269.193

Deuteranomaly
44, 31.576, 268.598

Tritanomaly
44, 26.817, 225.435

Monochromacy



Original Color
44, 31.811, 252.856

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 14.793, 240.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 31.811, 252.856 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(18, 111, 154)` looks like.

```
.text, #text, p{  
    color:rgb(18, 111, 154)  
}
```

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(18, 111, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 111, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 31.811, 252.856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

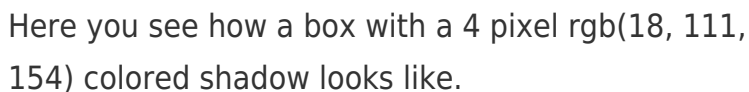
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(18, 111, 154) }
```

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

```
.border{ border-color:rgb(18, 111, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(18, 111, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(18, 111, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(18, 111, 154); box-shadow:4px 4px 4px 4px rgb(18, 111, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 31.811, 252.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 111, 154) }
```

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

```
.background{ background-color: rgb(18, 111,  
154) }
```

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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