

Converting Colors

CIELCh(44, 35.722, 261.184)

Have a look what the booklet for
CIELCh(44, 35.722, 261.184)
contains.

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Color

CIELCh(44, 35.489, 260.632)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 116EA2 |
| RGB | 17, 110, 162 |
| RGB Percent | 7%, 43%, 64% |
| CMY | 0.9349, 0.5692, 0.3653 |
| CMYK | 0.90, 0.32, 0.00, 0.37 |
| HSL | 201°, 81%, 35% |
| HSV | 201°, 90%, 63% |
| XYZ | 12.2910, 13.8382, 36.1310 |
| YIQ | 88.1210, -72.1200, -3.5440 |

Conversions

Conversions Part 2

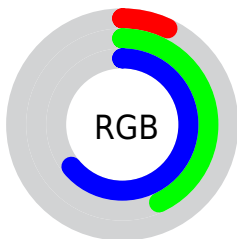
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 17, 74, 162 |
| Decimal | 1142434 |
| CIELab | 44.00, -5.78, -35.02 |
| CIElCh | 44, 35.489, 260.632 |
| Yxy | 13.8382, 0.1974, 0.2223 |
| Android (android.graphics.Color) | 4279332514 (0xFF116EA2) |
| YUV | 88.1210, 36.4223, -62.3731 |
| Hunter-Lab | 37.1997, -6.1223, -31.5469 |

Details

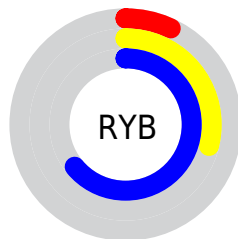
The CIELCh color **44, 35.489, 260.632** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **41, 58.791, 52.124**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 35.583, 260.776**, and **26, 32.212, 273.400** is the 20% darker color. If you saturate the color by 10%, you get **42, 38.266, 265.434**, and if you desaturate by 10%, it is **46, 32.667, 256.152**.

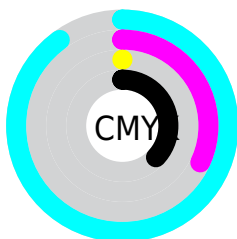
Distribution



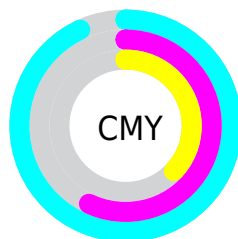
- Red (7%)
- Green (43%)
- Blue (64%)



- Red (7%)
- Yellow (29%)
- Blue (64%)



- Cyan (90%)
- Magenta (32%)
- Yellow (0%)
- Black (37%)





- Cyan (93%)
- Magenta (57%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 35.489, 260.632 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, 35.489, 260.632 by changing the saturation by 10% instead.


 44, 35.489,
260.632


 44, 35.489,
260.632


 100, 35.489,
260.632


 34, 35.489,
260.632

 64, 35.489,
260.632


 24, 35.489,
260.632

 74, 35.489,
260.632

 14, 35.489,
260.632

 84, 35.489,
260.632

 4, 35.489, 260.632

 94, 35.489,
260.632

 0, 35.489, 260.632

 44, 35.489,

 44, 35.489,

260.632

■ 42, 38.266,
265.434

■ 42, 38.339,
265.550

260.632

■ 46, 32.667,
256.152

■ 48, 29.624,
252.275

■ 51, 26.276,
249.015

■ 53, 22.591,
246.323

■ 56, 18.571,
244.124

■ 58, 14.247,
242.342

■ 61, 9.659, 240.903

■ 64, 4.854, 239.765

Harmonies

Complementary

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



44, 35.489, 260.632



41, 58.791, 52.124

Rectangle

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



44, 35.489, 260.632



44, 35.489, 310.632



44, 35.489, 80.632



44, 35.489, 130.632

Sweetspot

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



44, 35.488, 260.633



75, 16.169, 241.993



58, 67.667, 145.015



39, 10.902, 242.503



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



44, 35.488, 260.633



54, 47.413, 266.624



24, 78.771, 301.396



33, 2.839, 239.719



38, 35.223, 265.039



3, 4.563, 245.759

Inverse Universe

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



36, 62.571, 346.780



47, 77.382, 349.637



58, 60.203, 93.327



32, 4.873, 337.345



31, 58.901, 348.831



1, 7.219, 339.356

Previews

White Background



This preview shows how the CIELCh color 44, 35.489, 260.632 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, 35.489, 260.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

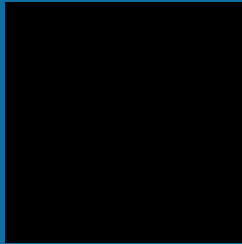
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 35.489, 260.632

Background



This preview shows how black text looks on a background with the CIELCh color 44, 35.489, 260.632.

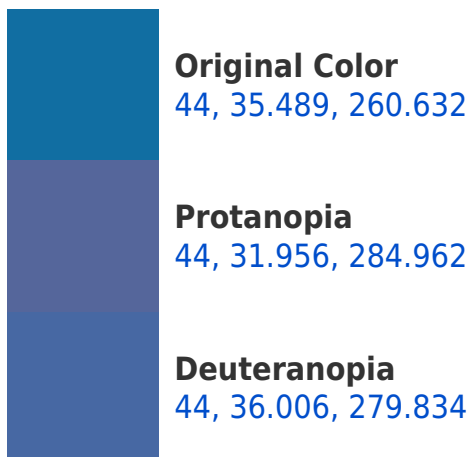



This preview shows how white text looks on a background with the CIELCh color 44, 35.489, 260.632.

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, 35.489, 260.632

Protanomaly
44, 32.870, 271.981

Deuteranomaly
44, 36.074, 271.573

Tritanomaly
44, 27.335, 230.929

Monochromacy



Original Color
44, 35.489, 260.632

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 16.067, 245.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 35.489, 260.632 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(17, 110, 162)` looks like.

```
.text, #text, p{  
    color:rgb(17, 110, 162)  
}
```

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(17, 110, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 110, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 35.489, 260.632 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(17, 110, 162) }
```

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

```
.border{ border-color:rgb(17, 110, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 110, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 110, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 110, 162);  
box-shadow:4px 4px 4px 4px rgb(17, 110,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 35.489, 260.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 110, 162) }
```

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

```
.background{ background-color: rgb(17, 110,  
162) }
```

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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