

Converting Colors

CIELCh(76, 41.858, 162.378)

Have a look what the booklet for
CIELCh(76, 41.858, 162.378)
contains.

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Color

CIELCh(76, 41.502, 162.586)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 69CEA3 |
| RGB | 105, 206, 163 |
| RGB Percent | 41%, 81%, 64% |
| CMY | 0.5876, 0.1915, 0.3602 |
| CMYK | 0.49, 0.00, 0.21, 0.19 |
| HSL | 154°, 51%, 61% |
| HSV | 154°, 49%, 81% |
| XYZ | 34.5826, 49.8872, 42.5318 |
| YIQ | 170.8990, -46.3930, -34.7850 |

Conversions

Conversions Part 2

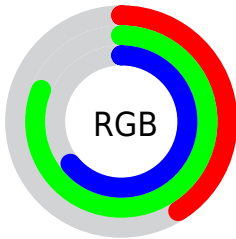
| Format | Color |
|-------------------------------------|---------------------------------------------|
| RYB | 105, 169, 206 |
| Decimal | 6934179 |
| CIELab | 76.00, -39.60, 12.42 |
| CIELCh | 76, 41.502, 162.586 |
| Yxy | 49.8872, 0.2723, 0.3928 |
| Android (android.graphics.Color) | 4285124259 (0xFF69CEA3) |
| YUV | 170.8990, -3.8942, -57.7934 |
| Hunter-Lab | 70.6309, -36.2062, 13.7389 |

Details

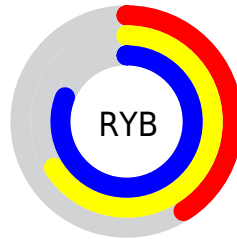
The CIELCh color **76, 41.502, 162.586** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 45.040, 353.606**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.704, 165.815**, and **56, 41.651, 162.470** is the 20% darker color. If you saturate the color by 10%, you get **75, 48.734, 161.107**, and if you desaturate by 10%, it is **77, 33.664, 163.899**.

Distribution



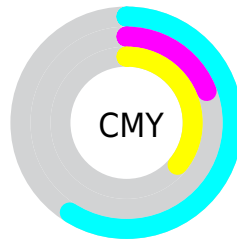
- Red (41%)
- Green (81%)
- Blue (64%)



- Red (41%)
- Yellow (66%)
- Blue (81%)



- Cyan (49%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)





- Cyan (59%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 41.502, 162.586 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 76, 41.502, 162.586 by changing the saturation by 10% instead.


 76, 41.502,
162.586


 76, 41.502,
162.586


 100, 41.502,
162.586


 66, 41.502,
162.586


 96, 41.502,
162.586

 56, 41.502,
162.586

 46, 41.502,
162.586

 36, 41.502,
162.586

 26, 41.502,
162.586

 16, 41.502,
162.586

 6, 41.502, 162.586

0, 41.502, 162.586

76, 41.502,
162.586

76, 41.502,
162.586

75, 48.734,
161.107

77, 33.664,
163.899

74, 55.230,
159.439

78, 25.363,
165.073

74, 60.905,
157.564

80, 16.749,
166.135

74, 65.742,
155.476

81, 7.955, 167.118

73, 69.857,
153.231

83, 0.902, 347.443

85, 9.728, 348.692

73, 70.260,
153.011

87, 18.452,
349.460

■ 88, 22.553,
342.249

■ 88, 25.531,
334.105

Harmonies

Complementary

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



76, 41.502, 162.586



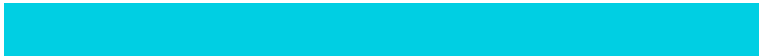
57, 45.040, 353.606

Rectangle

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



76, 41.502, 162.586



76, 41.502, 212.586



76, 41.502, 342.586



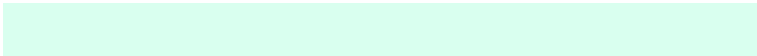
76, 41.502, 32.586

Sweetspot

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



76, 41.503, 162.585



97, 15.750, 166.514



77, 56.859, 129.103



51, 10.735, 166.303



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 41.503, 162.585



91, 57.798, 160.990



75, 28.719, 204.702



42, 4.977, 167.079



60, 59.294, 153.400



12, 19.903, 159.169

Inverse Universe

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



57, 45.040, 353.606



65, 63.292, 355.642



58, 41.672, 29.289



40, 5.062, 348.633



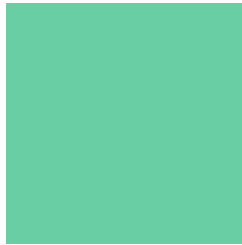
35, 61.199, 8.709



4, 19.273, 358.034

Previews

White Background



This preview shows how the CIELCh color 76, 41.502, 162.586 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 76, 41.502, 162.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

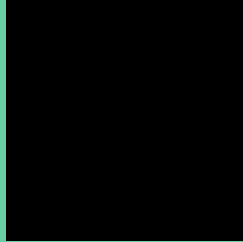
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 41.502, 162.586

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.502, 162.586.



This preview shows how white text looks on a background with the CIELCh color 76, 41.502, 162.586.

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
76, 41.502, 162.586

Protanopia
76, 18.214, 94.549

Deuteranopia
76, 13.546, 45.946



Tritanopia
76, 25.687, 217.533

Trichromacy



Original Color
76, 41.502, 162.586



Protanomaly
75, 22.325, 138.069



Deuteranomaly
75, 13.988, 136.435



Tritanomaly
76, 28.408, 190.721

Monochromacy



Original Color
76, 41.502, 162.586



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 16.238, 165.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 41.502, 162.586 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(105, 206, 163)` looks like.

```
.text, #text, p{  
    color:rgb(105, 206, 163)  
}
```

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(105, 206, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 206, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.502, 162.586 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(105, 206, 163) }
```

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

```
.border{ border-color:rgb(105, 206, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 206, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 206, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 206, 163); box-shadow:4px 4px 4px 4px rgb(105, 206, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.502, 162.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 206, 163) }
```

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

```
.background{ background-color: rgb(105,  
206, 163) }
```

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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