

Converting Colors

CIELCh(66, 41.719, 182.158)

Have a look what the booklet for
CIELCh(66, 41.719, 182.158)
contains.

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Color

CIELCh(66, 41.721, 182.131)

Conversions

Conversions Part 1

Format	Color
Hex	11B4A2
RGB	17, 180, 162
RGB Percent	7%, 71%, 64%
CMY	0.9346, 0.2945, 0.3651
CMYK	0.91, 0.00, 0.10, 0.29
HSL	173°, 83%, 39%
HSV	173°, 91%, 71%
XYZ	23.0395, 35.3238, 39.7417
YIQ	129.2110, -91.3700, -40.1540

Conversions

Conversions Part 2

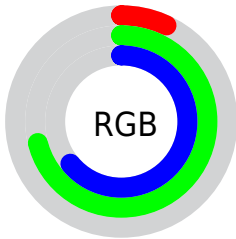
Format	Color
RYB	17, 103, 180
Decimal	1160354
CIELab	66.00, -41.69, -1.55
CIELCh	66, 41.721, 182.131
Yxy	35.3238, 0.2348, 0.3601
Android (android.graphics.Color)	4279350434 (0xFF11B4A2)
YUV	129.2110, 16.1650, -98.4090
Hunter-Lab	59.4338, -34.8137, 1.9582

Details

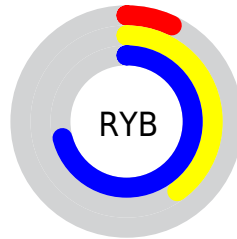
The CIELCh color **66, 41.721, 182.131** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **38, 70.406, 31.203**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 41.794, 182.020**, and **47, 33.222, 180.354** is the 20% darker color. If you saturate the color by 10%, you get **66, 42.852, 181.000**, and if you desaturate by 10%, it is **66, 39.942, 183.274**.

Distribution



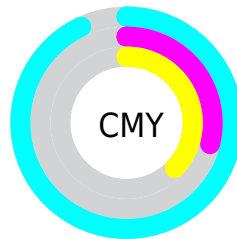
- Red (7%)
- Green (71%)
- Blue (64%)



- Red (7%)
- Yellow (40%)
- Blue (71%)



- Cyan (91%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (93%)
- Magenta (29%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 41.721, 182.131 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 66, 41.721, 182.131 by changing the saturation by 10% instead.


 66, 41.721,
182.131


 66, 41.721,
182.131


 100, 41.721,
182.131


 56, 41.721,
182.131


 86, 41.721,
182.131

 46, 41.721,
182.131

 96, 41.721,
182.131

 36, 41.721,
182.131

 26, 41.721,
182.131

 16, 41.721,
182.131

 6, 41.721, 182.131

 0, 41.721, 182.131

■ 66, 41.721,
182.131

■ 66, 41.721,
182.131

■ 66, 42.852,
181.000

■ 66, 39.942,
183.274

■ 67, 37.381,
184.322

■ 67, 34.012,
185.292

■ 68, 29.864,
186.202

■ 69, 25.003,
187.069

■ 69, 19.527,
187.906

■ 71, 13.543,
188.726

■ 72, 7.163, 189.550

Harmonies

Complementary

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



66, 41.721, 182.131



38, 70.406, 31.203

Rectangle

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



66, 41.721, 182.131



66, 41.721, 232.131



66, 41.721, 2.131



66, 41.721, 52.131

Sweetspot

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



66, 41.721, 182.130



89, 21.500, 188.175



64, 88.656, 135.470



47, 14.331, 187.899



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 41.721, 182.130



84, 52.389, 180.765



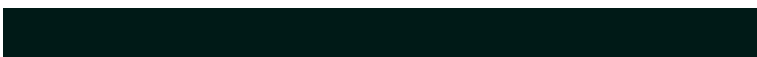
47, 40.584, 265.348



37, 3.768, 189.671



57, 37.966, 181.173



7, 9.435, 186.179

Inverse Universe

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



38, 70.406, 31.203



49, 93.286, 36.010



46, 63.950, 53.673



35, 3.946, 11.024



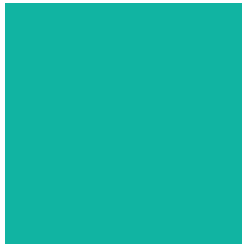
31, 66.765, 34.587



2, 9.241, 12.357

Previews

White Background



This preview shows how the CIELCh color 66, 41.721, 182.131 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 66, 41.721, 182.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

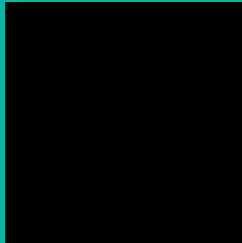
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 41.721, 182.131

Background



This preview shows how black text looks on a background with the CIELCh color 66, 41.721, 182.131.

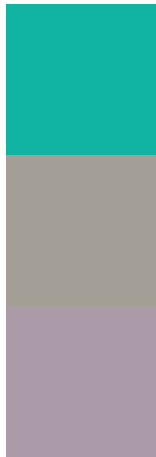


This preview shows how white text looks on a background with the CIELCh color 66, 41.721, 182.131.

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
66, 41.721, 182.131

Protanopia
66, 5.331, 88.086

Deuteranopia
65, 9.716, 332.392



Tritanopia
66, 33.580, 210.423

Trichromacy



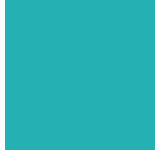
Original Color
66, 41.721, 182.131



Protanomaly
64, 21.614, 177.891



Deuteranomaly
64, 16.645, 201.874



Tritanomaly
66, 35.642, 199.306

Monochromacy



Original Color
66, 41.721, 182.131



Achromatopsia
54, 0.007, 296.813



Achromatomaly
57, 21.362, 186.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 41.721, 182.131 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, 180, 162)` looks like.

```
.text, #text, p{  
    color:rgb(17, 180, 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, 180, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 180, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 41.721, 182.131 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, 180, 162) }
```

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

```
.border{ border-color:rgb(17, 180, 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, 180, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 180, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 180, 162);  
box-shadow:4px 4px 4px 4px rgb(17, 180,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 41.721, 182.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 180, 162) }
```

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

```
.background{ background-color: rgb(17, 180,  
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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