

Converting Colors

CIELCh(66, 41.741, 245.550)

Have a look what the booklet for
CIELCh(66, 41.741, 245.550)
contains.

CIELCh(66, 41.697, 245.246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 41.697, 245.246)

Conversions

Conversions Part 1

Format	Color
Hex	03ADE4
RGB	3, 173, 228
RGB Percent	1%, 68%, 89%
CMY	0.9897, 0.3232, 0.1076
CMYK	0.99, 0.24, 0.00, 0.11
HSL	195°, 98%, 45%
HSV	195°, 99%, 89%
XYZ	28.8405, 35.3238, 78.3810
YIQ	128.4400, -118.9750, -18.9350

Conversions

Conversions Part 2

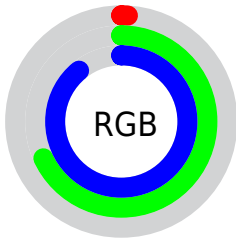
Format	Color
RYB	3, 100, 228
Decimal	241124
CIELab	66.00, -17.46, -37.87
CIELCh	66, 41.697, 245.246
Yxy	35.3238, 0.2023, 0.2478
Android (android.graphics.Color)	4278431204 (0xFF03ADE4)
YUV	128.4400, 49.0831, -110.0109
Hunter-Lab	59.4338, -17.3914, -36.5876

Details

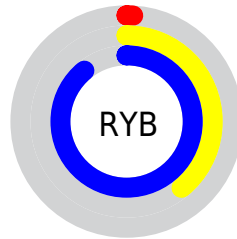
The CIELCh color **66, 41.697, 245.246** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **51, 88.860, 44.676**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 35.241, 221.490**, and **48, 36.168, 255.171** is the 20% darker color. If you saturate the color by 10%, you get **66, 41.873, 245.767**, and if you desaturate by 10%, it is **68, 40.167, 240.808**.

Distribution



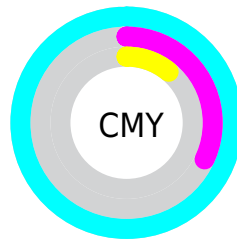
- Red (1%)
- Green (68%)
- Blue (89%)



- Red (1%)
- Yellow (39%)
- Blue (89%)



- Cyan (99%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)





- Cyan (99%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 41.697, 245.246 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, 41.697, 245.246 by changing the saturation by 10% instead.


 66, 41.697,
245.246


 66, 41.697,
245.246


 100, 41.697,
245.246


 56, 41.697,
245.246


 86, 41.697,
245.246

 46, 41.697,
245.246

 96, 41.697,
245.246

 36, 41.697,
245.246

 26, 41.697,
245.246

 16, 41.697,
245.246

 6, 41.697, 245.246

 0, 41.697, 245.246

■ 66, 41.697,
245.246

■ 66, 41.697,
245.246

■ 66, 41.873,
245.767

■ 68, 40.167,
240.808

■ 70, 38.193,
237.002

■ 72, 35.574,
233.885

■ 74, 32.228,
231.391

■ 77, 28.151,
229.433

■ 79, 23.390,
227.915

■ 82, 18.024,
226.756

■ 85, 12.146,

225.887

■ 88, 5.849, 225.276

Harmonies

Complementary

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



66, 41.697, 245.246



51, 88.860, 44.676

Rectangle

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



66, 41.697, 245.246



66, 41.697, 295.246



66, 41.697, 65.246



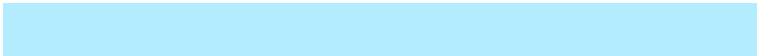
66, 41.697, 115.246

Sweetspot

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



66, 41.696, 245.247



90, 20.465, 226.894



79, 101.548, 139.252



47, 13.750, 227.364



0, 0.000, 0.000



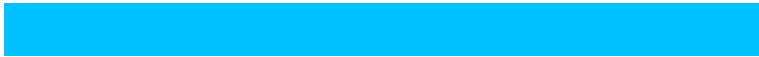
53, 0.007, 296.813

Same Dimension

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



66, 41.696, 245.247



73, 45.713, 246.090



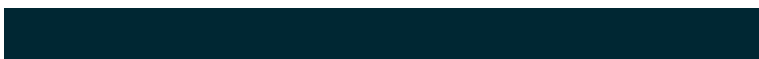
36, 99.153, 300.000



47, 3.778, 225.305



52, 34.775, 244.956



14, 14.155, 236.926

Inverse Universe

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



51, 87.684, 341.035



57, 95.502, 341.309



72, 76.241, 81.792



45, 7.004, 332.714



40, 73.355, 340.945



8, 31.606, 338.539

Previews

White Background



This preview shows how the CIE LCh color 66, 41.697, 245.246 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, 41.697, 245.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

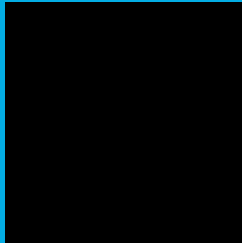
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 41.697, 245.246

Background



This preview shows how black text looks on a background with the CIELCh color 66, 41.697, 245.246.

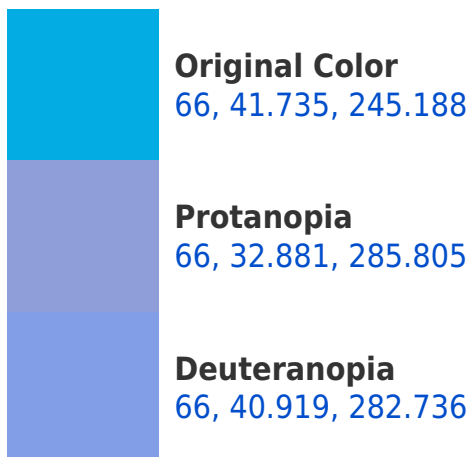


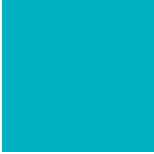
This preview shows how white text looks on a background with the CIELCh color 66, 41.697, 245.246.

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
66, 36.769, 209.005

Trichromacy



Original Color
66, 41.735, 245.188



Protanomaly
65, 36.083, 260.939



Deuteranomaly
65, 41.167, 264.484



Tritanomaly
66, 36.868, 223.200

Monochromacy



Original Color
66, 41.735, 245.188



Achromatopsia
54, 0.007, 296.813



Achromatomaly
57, 22.071, 229.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 41.697, 245.246 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(3, 173, 228)` looks like.

```
.text, #text, p{  
    color:rgb(3, 173, 228)  
}
```

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(3, 173, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 173, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 41.697, 245.246 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(3, 173, 228) }
```

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

```
.border{ border-color:rgb(3, 173, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 173, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 173, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 173, 228);  
box-shadow:4px 4px 4px 4px rgb(3, 173,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 41.697, 245.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 173, 228) }
```

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

```
.background{ background-color: rgb(3, 173,  
228) }
```

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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