

Converting Colors

CIELCh(66, 40.693, 242.855)

Have a look what the booklet for
CIELCh(66, 40.693, 242.855)
contains.

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Color

CIELCh(66, 40.795, 243.138)

Conversions

Conversions Part 1

Format	Color
Hex	07ADE1
RGB	7, 173, 225
RGB Percent	3%, 68%, 88%
CMY	0.9709, 0.3220, 0.1181
CMYK	0.97, 0.23, 0.00, 0.12
HSL	194°, 94%, 46%
HSV	194°, 97%, 88%
XYZ	28.5905, 35.3238, 76.4651
YIQ	129.2940, -115.6280, -19.0200

Conversions

Conversions Part 2

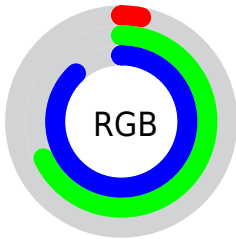
Format	Color
RYB	7, 101, 225
Decimal	503265
CIELab	66.00, -18.43, -36.39
CIELCh	66, 40.795, 243.138
Yxy	35.3238, 0.2037, 0.2516
Android (android.graphics.Color)	4278693345 (0xFF07ADE1)
YUV	129.2940, 47.1831, -107.2518
Hunter-Lab	59.4338, -18.1421, -34.6764

Details

The CIELCh color **66, 40.795, 243.138** 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, 86.781, 44.576**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 35.241, 221.490**, and **48, 35.027, 252.715** is the 20% darker color. If you saturate the color by 10%, you get **65, 41.260, 244.607**, and if you desaturate by 10%, it is **68, 39.294, 238.877**.

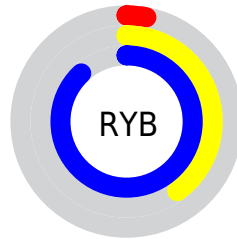
Distribution



Red (3%)

Green (68%)

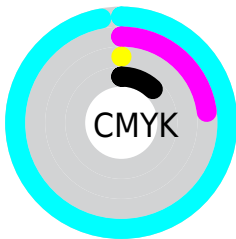
Blue (88%)



Red (3%)

Yellow (40%)

Blue (88%)

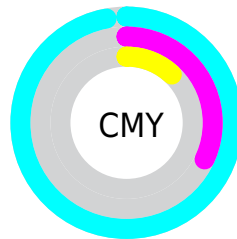


Cyan (97%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (97%)


Magenta (32%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 40.795, 243.138 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, 40.795, 243.138 by changing the saturation by 10% instead.


 66, 40.795,
243.138


 66, 40.795,
243.138


 100, 40.795,
243.138


 56, 40.795,
243.138


 86, 40.795,
243.138

 46, 40.795,
243.138

 96, 40.795,
243.138

 36, 40.795,
243.138

 26, 40.795,
243.138

 16, 40.795,
243.138

 6, 40.795, 243.138

 0, 40.795, 243.138

■ 66, 40.795,
243.138

■ 66, 40.795,
243.138

■ 65, 41.260,
244.607

■ 68, 39.294,
238.877

■ 70, 37.266,
235.298

■ 72, 34.560,
232.390

■ 74, 31.114,
230.079

■ 76, 26.941,
228.274

■ 79, 22.097,
226.884

■ 82, 16.666,
225.829

■ 85, 10.743,

225.048

■ 87, 4.420, 224.532

Harmonies

Complementary

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



66, 40.795, 243.138



51, 86.781, 44.576

Rectangle

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



66, 40.795, 243.138



66, 40.795, 293.138



66, 40.795, 63.138



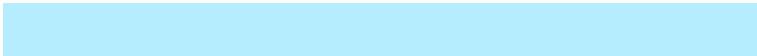
66, 40.795, 113.138

Sweetspot

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



66, 40.794, 243.138



91, 19.875, 226.065



79, 99.529, 139.608



47, 13.430, 226.513



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, 40.794, 243.138



73, 45.449, 244.960



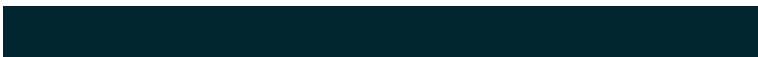
37, 96.040, 299.348



46, 3.715, 224.639



52, 34.214, 243.789



13, 13.660, 235.455

Inverse Universe

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



51, 87.165, 340.368



57, 95.867, 340.946



72, 75.134, 82.252



44, 6.902, 332.512



39, 72.863, 340.577



7, 30.568, 338.125

Previews

White Background



This preview shows how the CIELCh color 66, 40.795, 243.138 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, 40.795, 243.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

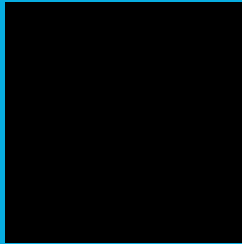
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 40.795, 243.138

Background



This preview shows how black text looks on a background with the CIELCh color 66, 40.795, 243.138.



This preview shows how white text looks on a background with the CIELCh color 66, 40.795, 243.138.

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



Trichromacy



Original Color
66, 40.814, 243.109

Protanomaly
65, 34.597, 259.646

Deuteranomaly
65, 39.593, 263.620

Monochromacy



Original Color
66, 40.814, 243.109

Achromatopsia
54, 0.007, 296.813

Achromatomaly
57, 21.447, 228.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 40.795, 243.138 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(7, 173, 225)` looks like.

```
.text, #text, p{  
    color:rgb(7, 173, 225)  
}
```

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(7, 173, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 173, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 40.795, 243.138 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(7, 173, 225) }
```

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

```
.border{ border-color:rgb(7, 173, 225) }
```

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

Here you see how a box with a 4 pixel rgb(7, 173, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 173, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 173, 225);  
box-shadow:4px 4px 4px 4px rgb(7, 173,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 40.795, 243.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 173, 225) }
```

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

```
.background{ background-color: rgb(7, 173,  
225) }
```

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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