

Converting Colors

CIELCh(56, 44.623, 261.219)

Have a look what the booklet for
CIELCh(56, 44.623, 261.219)
contains.

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Color

CIELCh(56, 44.641, 261.484)

Conversions

Conversions Part 1

Format	Color
Hex	008ED3
RGB	0, 142, 211
RGB Percent	0%, 56%, 83%
CMY	1.0000, 0.4445, 0.1741
CMYK	1.00, 0.33, 0.00, 0.17
HSL	200°, 100%, 41%
HSV	200°, 100%, 83%
XYZ	21.3064, 23.9124, 64.8664
YIQ	107.4080, -106.7810, -8.6450

Conversions

Conversions Part 2

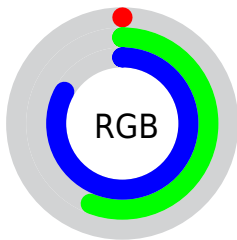
Format	Color
RYB	0, 85, 211
Decimal	36563
CIELab	56.00, -6.61, -44.15
CIELCh	56, 44.641, 261.484
Yxy	23.9124, 0.1935, 0.2172
Android (android.graphics.Color)	4278226643 (0xFF008ED3)
YUV	107.4080, 51.0709, -94.1968
Hunter-Lab	48.9003, -7.8013, -44.4181

Details

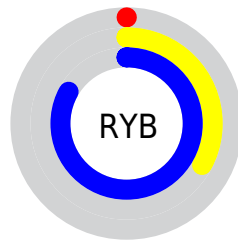
The CIELCh color **56, 44.641, 261.484** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **50, 80.898, 48.505**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 39.331, 254.368**, and **38, 41.231, 273.030** is the 20% darker color. If you saturate the color by 10%, you get **56, 44.612, 261.554**, and if you desaturate by 10%, it is **58, 41.783, 256.543**.

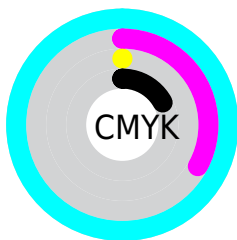
Distribution



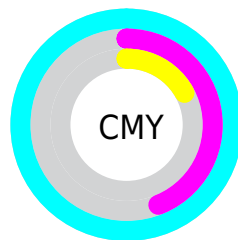
- Red (0%)
- Green (56%)
- Blue (83%)



- Red (0%)
- Yellow (33%)
- Blue (83%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (44%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 44.641, 261.484 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 56, 44.641, 261.484 by changing the saturation by 10% instead.

 56, 44.641,
261.484

 56, 44.641,
261.484

 100, 44.641,
261.484

 46, 44.641,
261.484

 76, 44.641,
261.484

 36, 44.641,
261.484

 86, 44.641,
261.484

 26, 44.641,
261.484

 96, 44.641,
261.484

 16, 44.641,
261.484

 6, 44.641, 261.484

 0, 44.641, 261.484

■ 56, 44.641,
261.484

■ 56, 44.641,
261.484

■ 56, 44.612,
261.554

■ 58, 41.783,
256.543

■ 61, 38.829,
251.971

■ 63, 35.529,
248.059

■ 66, 31.772,
244.809

■ 69, 27.516,
242.159

■ 72, 22.772,
240.026

■ 75, 17.585,
238.322

■ 78, 12.018,

236.969

■ 81, 6.136, 235.919

Harmonies

Complementary

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



56, 44.641, 261.484



50, 80.898, 48.505

Rectangle

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



56, 44.641, 261.484



56, 44.641, 311.484



56, 44.641, 81.484



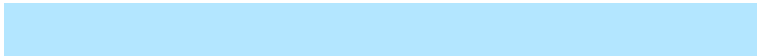
56, 44.641, 131.484

Sweetspot

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



56, 44.612, 261.554



89, 20.519, 238.372



74, 91.107, 141.476



46, 13.833, 239.057



0, 0.000, 0.000



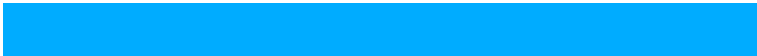
53, 0.007, 296.813

Same Dimension

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



56, 44.612, 261.554



67, 51.871, 262.175



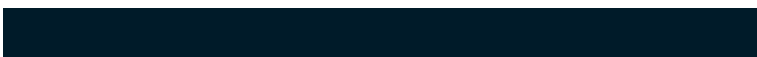
30, 103.832, 303.173



42, 3.465, 235.866



45, 37.414, 260.670



9, 12.990, 248.869

Inverse Universe

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



47, 78.439, 347.181



56, 90.418, 347.463



72, 74.494, 89.170



41, 6.114, 336.041



37, 66.578, 346.786



5, 24.212, 342.568

Previews

White Background



This preview shows how the CIE LCh color 56, 44.641, 261.484 looks on a white 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

Black Background



This preview shows how the CIE LCh color 56, 44.641, 261.484 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 × Fail

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

CIELCh 56, 44.641, 261.484

Background



This preview shows how black text looks on a background with the CIELCh color 56, 44.641, 261.484.



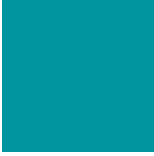
This preview shows how white text looks on a background with the CIELCh color 56, 44.641, 261.484.

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
56, 32.485, 206.894

Trichromacy



Original Color
56, 44.641, 261.484

Protanomaly
55, 42.381, 271.736

Deuteranomaly
56, 45.513, 270.964

Tritanomaly
56, 33.303, 231.039

Monochromacy



Original Color
56, 44.641, 261.484

Achromatopsia
45, 0.006, 296.813

Achromatomaly
48, 21.397, 242.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 44.641, 261.484 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(0, 142, 211)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 211)  
}
```

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(0, 142, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 44.641, 261.484 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(0, 142, 211) }
```

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

```
.border{ border-color:rgb(0, 142, 211) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 211);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 44.641, 261.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 211) }
```

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

```
.background{ background-color: rgb(0, 142,  
211) }
```

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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