

Converting Colors

CIELCh(49, 72.586, 229.052)

Have a look what the booklet for
CIELCh(49, 72.586, 229.052)
contains.

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Color

CIELCh(55, 44.559, 261.992)

Conversions

Conversions Part 1

Format	Color
Hex	008BD0
RGB	0, 139, 208
RGB Percent	0%, 55%, 82%
CMY	1.0000, 0.4554, 0.1853
CMYK	1.00, 0.33, 0.00, 0.19
HSL	200°, 100%, 41%
HSV	200°, 100%, 81%
XYZ	20.4946, 22.9298, 62.8655
YIQ	105.3050, -104.9930, -8.0090

Conversions

Conversions Part 2

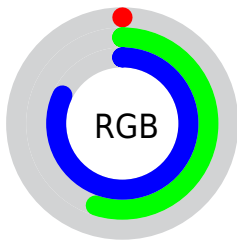
Format	Color
RYB	0, 83, 208
Decimal	35792
CIELab	55.00, -6.21, -44.12
CIELCh	55, 44.559, 261.992
Yxy	22.9298, 0.1928, 0.2157
Android (android.graphics.Color)	4278225872 (0xFF008BD0)
YUV	105.3050, 50.6286, -92.3525
Hunter-Lab	47.8851, -7.4017, -44.3187

Details

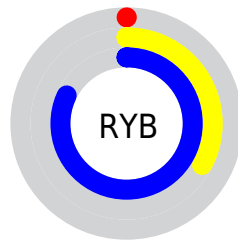
The CIELCh color **55, 44.559, 261.992** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **49, 79.866, 48.755**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 40.291, 256.848**, and **37, 41.252, 274.007** is the 20% darker color. If you saturate the color by 10%, you get **55, 44.469, 262.223**, and if you desaturate by 10%, it is **57, 41.592, 257.214**.

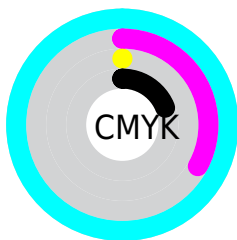
Distribution



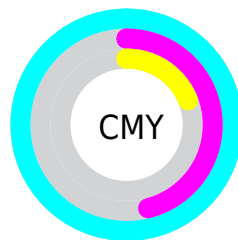
- Red (0%)
- Green (55%)
- Blue (82%)



- Red (0%)
- Yellow (33%)
- Blue (82%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)




- Cyan (100%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 44.559, 261.992 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 55, 44.559, 261.992 by changing the saturation by 10% instead.


 55, 44.559,
261.992

 55, 44.559,
261.992


 100, 44.559,
261.992


 45, 44.559,
261.992


 75, 44.559,
261.992

 35, 44.559,
261.992

 85, 44.559,
261.992

 25, 44.559,
261.992

 95, 44.559,
261.992

 15, 44.559,
261.992

 5, 44.559, 261.992

 0, 44.559, 261.992

■ 55, 44.559,
261.992

■ 55, 44.559,
261.992

■ 55, 44.469,
262.223

■ 57, 41.592,
257.214

■ 60, 38.602,
252.632

■ 62, 35.282,
248.704

■ 65, 31.521,
245.434

■ 68, 27.277,
242.765

■ 71, 22.560,
240.612

■ 74, 17.413,
238.888

■ 77, 11.895,

237.518

■ 80, 6.071, 236.451

Harmonies

Complementary

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



55, 44.559, 261.992



49, 79.866, 48.755

Rectangle

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



55, 44.559, 261.992



55, 44.559, 311.992



55, 44.559, 81.992



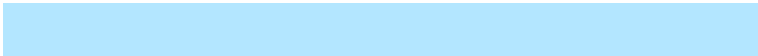
55, 44.559, 131.992

Sweetspot

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



55, 44.469, 262.223



89, 20.543, 238.943



73, 90.141, 141.495



46, 13.851, 239.637



0, 0.000, 0.000



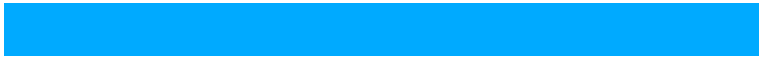
53, 0.007, 296.813

Same Dimension

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



55, 44.469, 262.223



67, 52.271, 262.892



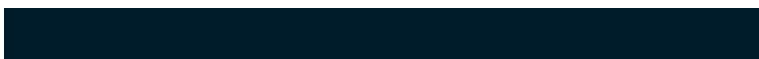
29, 102.705, 303.153



42, 3.467, 236.398



45, 37.687, 261.386



9, 13.042, 249.567

Inverse Universe

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



46, 77.464, 347.485



56, 90.197, 347.796



71, 73.742, 89.183



41, 6.096, 336.219



37, 66.416, 347.105



5, 24.140, 342.823

Previews

White Background



This preview shows how the CIE LCh color 55, 44.559, 261.992 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 CIELCh color 55, 44.559, 261.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

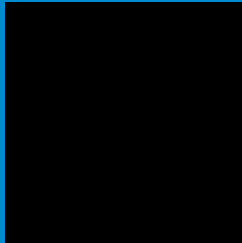
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 44.559, 261.992

Background



This preview shows how black text looks on a background with the CIELCh color 55, 44.559, 261.992.

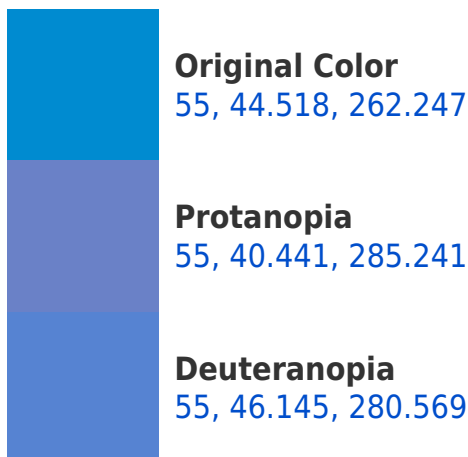


This preview shows how white text looks on a background with the CIELCh color 55, 44.559, 261.992.

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
55, 31.995, 207.096

Trichromacy



Original Color
55, 44.518, 262.247



Protanomaly
54, 41.946, 271.506



Deuteranomaly
55, 45.547, 271.523



Tritanomaly
55, 32.908, 231.662

Monochromacy



Original Color
55, 44.518, 262.247



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 21.050, 243.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 44.559, 261.992 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, 139, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 208)  
}
```

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, 139, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 44.559, 261.992 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, 139, 208) }
```

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

```
.border{ border-color:rgb(0, 139, 208) }
```

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

Here you see how a box with a 4 pixel rgb(0, 139, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 44.559, 261.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 208) }
```

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

```
.background{ background-color: rgb(0, 139,  
208) }
```

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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