

Converting Colors

CIELCh(55, 44.092, 261.674)

Have a look what the booklet for
CIELCh(55, 44.092, 261.674)
contains.

CIELCh(55, 44.092, 261.674)	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(55, 44.092, 261.674)

Conversions

Conversions Part 1

Format	Color
Hex	008BCF
RGB	0, 139, 207
RGB Percent	0%, 55%, 81%
CMY	1.0000, 0.4553, 0.1887
CMYK	1.00, 0.33, 0.00, 0.19
HSL	200°, 100%, 41%
HSV	200°, 100%, 81%
XYZ	20.4583, 22.9298, 62.3041
YIQ	105.1910, -104.6720, -8.3200

Conversions

Conversions Part 2

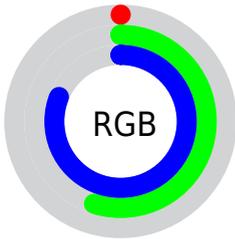
Format	Color
RYB	0, 83, 207
Decimal	35791
CIELab	55.00, -6.38, -43.63
CIELCh	55, 44.092, 261.674
Yxy	22.9298, 0.1936, 0.2169
Android (android.graphics.Color)	4278225871 (0xFF008BCF)
YUV	105.1910, 50.1918, -92.2525
Hunter-Lab	47.8851, -7.5370, -43.6236

Details

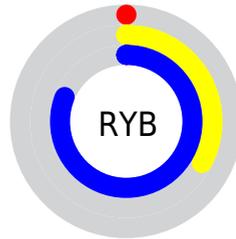
The CIELCh color **55, 44.092, 261.674** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **49, 79.737, 48.607**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 40.291, 256.848**, and **37, 40.722, 273.473** is the 20% darker color. If you saturate the color by 10%, you get **55, 44.083, 261.695**, and if you desaturate by 10%, it is **57, 41.271, 256.696**.

Distribution



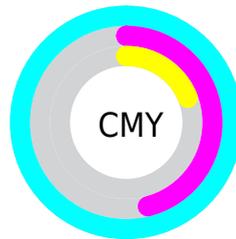
- Red (0%)
- Green (55%)
- Blue (81%)



- Red (0%)
- Yellow (33%)
- Blue (81%)



- 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, 44.092, 261.674 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, 44.092, 261.674 by changing the saturation by 10% instead.

 55, 44.092,
261.674

 55, 44.092,
261.674

 100, 44.092,
261.674

 45, 44.092,
261.674

 75, 44.092,
261.674

 35, 44.092,
261.674

 85, 44.092,
261.674

 25, 44.092,
261.674

 95, 44.092,
261.674

 15, 44.092,
261.674

 5, 44.092, 261.674

 0, 44.092, 261.674

■ 55, 44.092,
261.674

■ 55, 44.092,
261.674

■ 55, 44.083,
261.695

■ 57, 41.271,
256.696

■ 60, 38.338,
252.130

■ 62, 35.066,
248.221

■ 65, 31.348,
244.971

■ 67, 27.141,
242.321

■ 70, 22.457,
240.186

■ 73, 17.339,
238.479

■ 77, 11.848,

237.123

■ 80, 6.049, 236.069

Harmonies

Complementary

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



55, 44.092, 261.674



49, 79.737, 48.607

Rectangle

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



55, 44.092, 261.674



55, 44.092, 311.674



55, 44.092, 81.674



55, 44.092, 131.674

Sweetspot

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



55, 44.083, 261.695



89, 20.526, 238.535



73, 89.844, 141.500



46, 13.838, 239.222



0, 0.000, 0.000



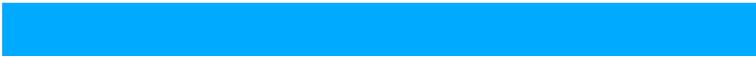
53, 0.007, 296.813

Same Dimension

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



55, 44.083, 261.695



67, 51.984, 262.380



29, 102.358, 303.147



42, 3.466, 236.018



45, 37.491, 260.875



9, 13.005, 249.068

Inverse Universe

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



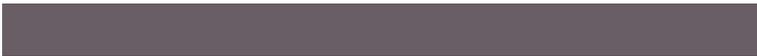
46, 77.358, 347.244



56, 90.355, 347.558



71, 73.510, 89.188



41, 6.109, 336.091



37, 66.532, 346.876



5, 24.191, 342.641

Previews

White Background



This preview shows how the CIE LCh color 55, 44.092, 261.674 looks on a white background.

Color Contrast Check

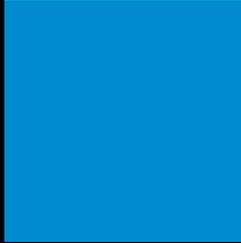
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.092, 261.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

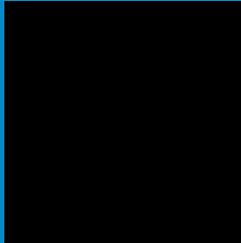
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

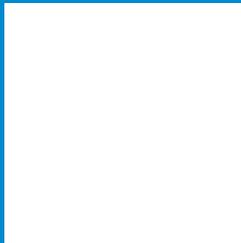
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 44.092, 261.674

Background



This preview shows how black text looks on a background with the CIELCh color 55, 44.092, 261.674.



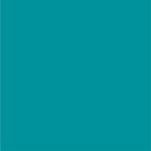
This preview shows how white text looks on a background with the CIELCh color 55, 44.092, 261.674.

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, 44.092, 261.674

Protanomaly
54, 41.391, 271.277

Deuteranomaly
54, 45.056, 271.082

Tritanomaly
55, 32.908, 231.662

Monochromacy



Original Color
55, 44.092, 261.674

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, 44.092, 261.674 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 44.092, 261.674 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, 207) }
```

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

```
.border{ border-color:rgb(0, 139, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 44.092, 261.674 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, 207) }
```

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

```
.background{ background-color: rgb(0, 139,  
207) }
```

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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