

Converting Colors

CIELCh(55, 41.263, 258.293)

Have a look what the booklet for
CIELCh(55, 41.263, 258.293)
contains.

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Color

CIELCh(55, 41.361, 258.610)

Conversions

Conversions Part 1

Format	Color
Hex	108BC9
RGB	16, 139, 201
RGB Percent	6%, 55%, 79%
CMY	0.9385, 0.4533, 0.2100
CMYK	0.92, 0.31, 0.00, 0.21
HSL	200°, 86%, 43%
HSV	200°, 92%, 79%
XYZ	20.0952, 22.9298, 58.8999
YIQ	109.2910, -93.2100, -6.7940

Conversions

Conversions Part 2

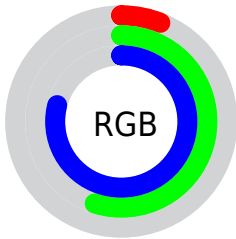
Format	Color
R_{YB}	16, 90, 201
Decimal	1084361
CIE _{Lab}	55.00, -8.17, -40.55
CIE _{LCh}	55, 41.361, 258.610
Yxy	22.9298, 0.1972, 0.2250
Android (android.graphics.Color)	4279274441 (0xFF108BC9)
YUV	109.2910, 45.2125, -81.8162
Hunter-Lab	47.8851, -8.8906, -39.4087

Details

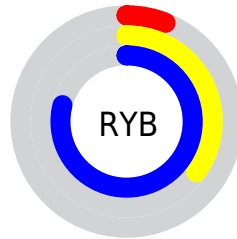
The CIELCh color **55, 41.361, 258.610** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **49, 72.823, 50.031**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 40.193, 257.076**, and **36, 38.114, 270.588** is the 20% darker color. If you saturate the color by 10%, you get **53, 43.585, 262.507**, and if you desaturate by 10%, it is **57, 38.453, 253.906**.

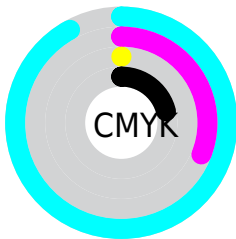
Distribution



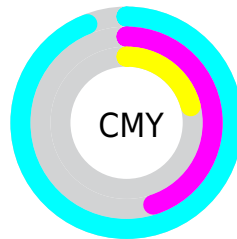
- Red (6%)
- Green (55%)
- Blue (79%)



- Red (6%)
- Yellow (35%)
- Blue (79%)



- Cyan (92%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)





- Cyan (94%)
- Magenta (45%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 41.361, 258.610 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, 41.361, 258.610 by changing the saturation by 10% instead.


 55, 41.361,
258.610


 55, 41.361,
258.610


 100, 41.361,
258.610


 45, 41.361,
258.610


 75, 41.361,
258.610

 35, 41.361,
258.610

 85, 41.361,
258.610

 25, 41.361,
258.610

 95, 41.361,
258.610

 15, 41.361,
258.610

 5, 41.361, 258.610

 0, 41.361, 258.610

■ 55, 41.361,
258.610

■ 55, 41.361,
258.610

■ 53, 43.585,
262.507

■ 57, 38.453,
253.906

■ 60, 35.262,
249.836

■ 62, 31.664,
246.426

■ 65, 27.606,
243.629

■ 68, 23.087,
241.365

■ 71, 18.142,
239.548

■ 74, 12.827,
238.098

■ 77, 7.203, 236.958

Harmonies

Complementary

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



55, 41.361, 258.610



49, 72.823, 50.031

Rectangle

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



55, 41.361, 258.610



55, 41.361, 308.610



55, 41.361, 78.610



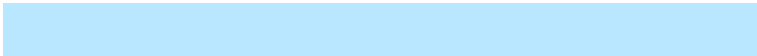
55, 41.361, 128.610

Sweetspot

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



55, 41.360, 258.611



89, 19.287, 238.954



71, 82.892, 143.621



46, 13.163, 239.638



0, 0.000, 0.000



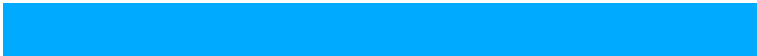
53, 0.007, 296.813

Same Dimension

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



55, 41.360, 258.611



66, 52.498, 263.290



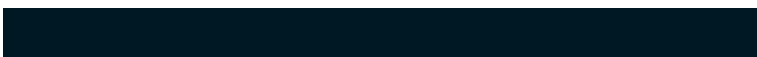
30, 94.827, 301.816



40, 3.328, 236.690



44, 36.941, 261.647



7, 11.674, 250.391

Inverse Universe

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



45, 75.193, 345.902



56, 90.075, 347.983



70, 71.242, 91.608



39, 5.840, 336.314



36, 64.867, 347.223



4, 19.995, 342.673

Previews

White Background



This preview shows how the CIE LCh color 55, 41.361, 258.610 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, 41.361, 258.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

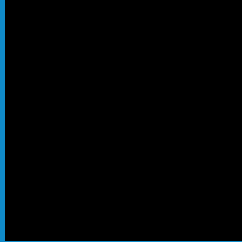
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 41.361, 258.610

Background



This preview shows how black text looks on a background with the CIELCh color 55, 41.361, 258.610.

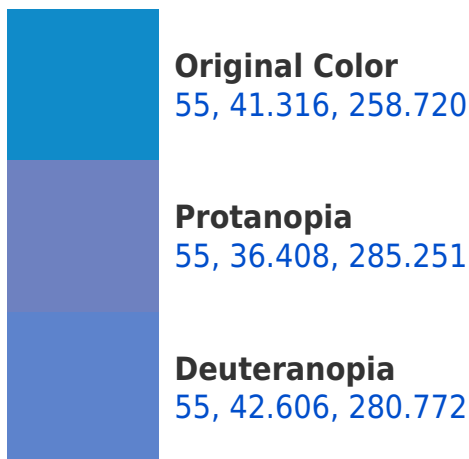


This preview shows how white text looks on a background with the CIELCh color 55, 41.361, 258.610.

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, 41.316, 258.720

Protanomaly
54, 37.901, 270.496

Deuteranomaly
55, 42.087, 270.725

Tritanomaly
55, 32.350, 228.548

Monochromacy



Original Color
55, 41.316, 258.720

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 19.450, 242.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 41.361, 258.610 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(16, 139, 201)` looks like.

```
.text, #text, p{  
    color:rgb(16, 139, 201)  
}
```

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(16, 139, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 139, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 41.361, 258.610 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(16, 139, 201) }
```

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

```
.border{ border-color:rgb(16, 139, 201) }
```

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

Here you see how a box with a 4 pixel rgb(16, 139, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 139, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 139, 201);  
box-shadow:4px 4px 4px 4px rgb(16, 139,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 41.361, 258.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 139, 201) }
```

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

```
.background{ background-color: rgb(16, 139,  
201) }
```

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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