

Converting Colors

CIELCh(55, 35.771, 263.608)

Have a look what the booklet for
CIELCh(55, 35.771, 263.608)
contains.

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Color

CIELCh(55, 35.771, 263.608)

Conversions

Conversions Part 1

Format	Color
Hex	4589C1
RGB	69, 137, 193
RGB Percent	27%, 54%, 76%
CMY	0.7304, 0.4635, 0.2440
CMYK	0.64, 0.29, 0.00, 0.24
HSL	207°, 50%, 51%
HSV	207°, 64%, 76%
XYZ	20.9543, 22.9298, 53.6453
YIQ	123.0520, -58.5040, 3.0000

Conversions

Conversions Part 2

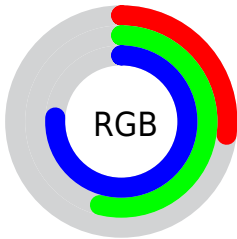
Format	Color
R _Y B	69, 113, 193
Decimal	4557249
CIE Lab	55.00, -3.98, -35.55
CIE LCh	55, 35.771, 263.608
Yxy	22.9298, 0.2149, 0.2351
Android (android.graphics.Color)	4282747329 (0xFF4589C1)
YUV	123.0520, 34.4844, -47.4036
Hunter-Lab	47.8851, -5.6881, -32.9025

Details

The CIELCh color **55, 35.771, 263.608** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **58, 45.951, 62.693**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 35.991, 263.787**, and **35, 35.047, 267.316** is the 20% darker color. If you saturate the color by 10%, you get **52, 40.663, 267.401**, and if you desaturate by 10%, it is **58, 30.716, 260.355**.

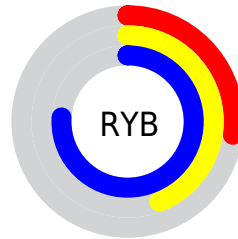
Distribution



Red (27%)

Green (54%)

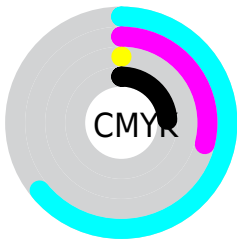
Blue (76%)



Red (27%)

Yellow (44%)

Blue (76%)

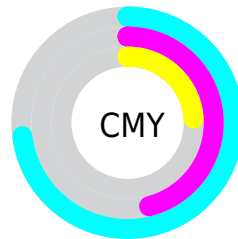


Cyan (64%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (73%)


Magenta (46%)


Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 35.771, 263.608 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, 35.771, 263.608 by changing the saturation by 10% instead.


 55, 35.771,
263.608


 55, 35.771,
263.608


 100, 35.771,
263.608


 45, 35.771,
263.608


 75, 35.771,
263.608

 35, 35.771,
263.608

 85, 35.771,
263.608

 25, 35.771,
263.608

 95, 35.771,
263.608

 15, 35.771,
263.608

 5, 35.771, 263.608

 0, 35.771, 263.608

■ 55, 35.771,
263.608

■ 55, 35.771,
263.608

■ 52, 40.663,
267.401

■ 58, 30.716,
260.355

■ 49, 45.477,
271.703

■ 62, 25.462,
257.613

■ 46, 50.327,
276.392

■ 65, 20.002,
255.325

■ 44, 53.163,
279.022

■ 69, 14.353,
253.425

■ 73, 8.544, 251.855

■ 76, 2.609, 250.632

■ 80, 3.418, 69.250

■ 84, 9.509, 68.380

■ 88, 15.637, 67.592

Harmonies

Complementary

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



55, 35.771, 263.608



58, 45.951, 62.693

Rectangle

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



55, 35.771, 263.608



55, 35.771, 313.608



55, 35.771, 83.608



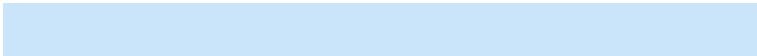
55, 35.771, 133.608

Sweetspot

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



55, 35.770, 263.609



90, 13.912, 252.596



70, 55.538, 153.782



46, 9.543, 253.061



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



55, 35.770, 263.609



65, 51.697, 269.013



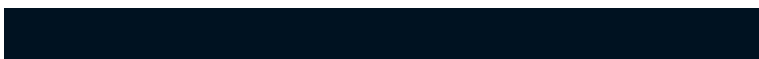
38, 71.478, 298.815



39, 3.410, 251.190



37, 45.873, 278.314



5, 12.166, 264.947

Inverse Universe

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



49, 57.265, 348.259



58, 78.896, 351.066



74, 59.571, 101.817



38, 5.262, 341.820



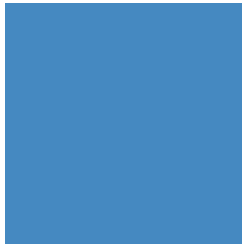
34, 60.766, 357.032



3, 16.293, 349.397

Previews

White Background



This preview shows how the CIE LCh color 55, 35.771, 263.608 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, 35.771, 263.608 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, 35.771, 263.608

Background



This preview shows how black text looks on a background with the CIELCh color 55, 35.771, 263.608.

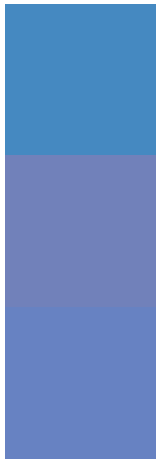


This preview shows how white text looks on a background with the CIELCh color 55, 35.771, 263.608.

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



Original Color
55, 35.771, 263.608

Protanopia
55, 32.949, 285.241

Deuteranopia
55, 37.246, 282.062



Tritanopia
55, 27.422, 211.785

Trichromacy



Original Color
55, 35.771, 263.608

Protanomaly
55, 33.304, 275.679

Deuteranomaly
55, 36.862, 275.826

Tritanomaly
55, 27.691, 233.564

Monochromacy



Original Color
55, 35.771, 263.608

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 14.280, 253.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 35.771, 263.608 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(69, 137, 193)` looks like.

```
.text, #text, p{  
    color:rgb(69, 137, 193)  
}
```

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(69, 137, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 137, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 35.771, 263.608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

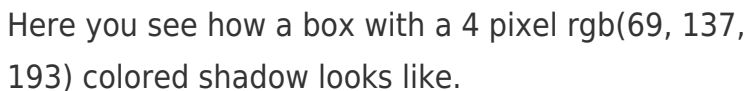
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(69, 137, 193) }
```

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

```
.border{ border-color:rgb(69, 137, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(69, 137, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 137, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 137, 193);  
box-shadow:4px 4px 4px 4px rgb(69, 137,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 35.771, 263.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 137, 193) }
```

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

```
.background{ background-color: rgb(69, 137,  
193) }
```

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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