

Converting Colors

CIELCh(53, 50.354, 256.724)

Have a look what the booklet for
CIELCh(53, 50.354, 256.724)
contains.

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Color

CIELCh(55, 46.646, 265.459)

Conversions

Conversions Part 1

Format	Color
Hex	058AD4
RGB	5, 138, 212
RGB Percent	2%, 54%, 83%
CMY	0.9810, 0.4592, 0.1687
CMYK	0.98, 0.35, 0.00, 0.17
HSL	201°, 96%, 43%
HSV	201°, 98%, 83%
XYZ	21.0146, 22.9298, 65.5937
YIQ	106.6690, -103.0220, -5.1820

Conversions

Conversions Part 2

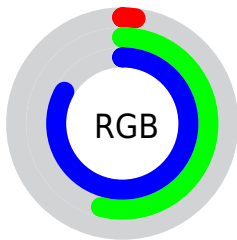
Format	Color
R _Y B	5, 86, 212
Decimal	363220
CIE Lab	55.00, -3.69, -46.50
CIE LCh	55, 46.646, 265.459
Yxy	22.9298, 0.1918, 0.2093
Android (android.graphics.Color)	4278553300 (0xFF058AD4)
YUV	106.6690, 51.9282, -89.1637
Hunter-Lab	47.8851, -5.4634, -47.6967

Details

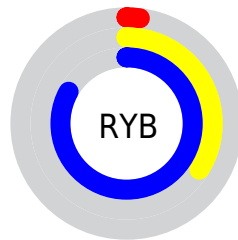
The CIELCh color **55, 46.646, 265.459** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **51, 78.466, 50.493**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 40.403, 258.189**, and **37, 43.393, 276.013** is the 20% darker color. If you saturate the color by 10%, you get **54, 47.450, 266.591**, and if you desaturate by 10%, it is **57, 43.242, 260.430**.

Distribution



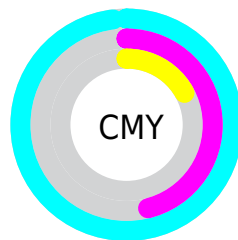
- Red (2%)
- Green (54%)
- Blue (83%)



- Red (2%)
- Yellow (34%)
- Blue (83%)



- Cyan (98%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)





- Cyan (98%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 46.646, 265.459 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, 46.646, 265.459 by changing the saturation by 10% instead.


 55, 46.646,
265.459


 55, 46.646,
265.459


 100, 46.646,
265.459


 45, 46.646,
265.459


 75, 46.646,
265.459

 35, 46.646,
265.459

 85, 46.646,
265.459

 25, 46.646,
265.459

 95, 46.646,
265.459

 15, 46.646,
265.459

 5, 46.646, 265.459

 0, 46.646, 265.459

■ 55, 46.646,
265.459

■ 55, 46.646,
265.459

■ 54, 47.450,
266.591

■ 57, 43.242,
260.430

■ 60, 39.722,
255.889

■ 63, 35.912,
251.979

■ 66, 31.711,
248.707

■ 69, 27.078,
246.020

■ 72, 22.024,
243.836

■ 75, 16.589,
242.073

■ 79, 10.827,

240.658

■ 82, 4.800, 239.557

Harmonies

Complementary

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



55, 46.646, 265.459



51, 78.466, 50.493

Rectangle

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



55, 46.646, 265.459



55, 46.646, 315.459



55, 46.646, 85.459



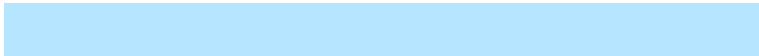
55, 46.646, 135.459

Sweetspot

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



55, 46.645, 265.460



88, 20.092, 242.329



75, 88.102, 143.022



45, 13.644, 243.067



0, 0.000, 0.000



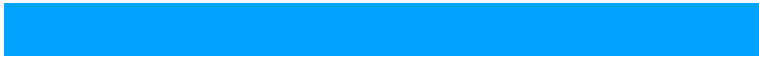
53, 0.007, 296.813

Same Dimension

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



55, 46.645, 265.460



65, 54.950, 267.186



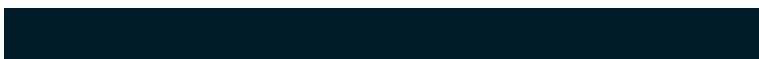
30, 105.695, 303.646



43, 3.552, 239.720



44, 39.998, 265.751



9, 14.024, 254.373

Inverse Universe

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



47, 77.387, 349.047



56, 88.892, 349.933



74, 75.792, 92.231



42, 6.104, 337.361



37, 66.166, 349.189



5, 25.453, 344.569

Previews

White Background



This preview shows how the CIE LCh color 55, 46.646, 265.459 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, 46.646, 265.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

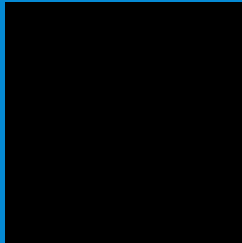
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 46.646, 265.459

Background



This preview shows how black text looks on a background with the CIELCh color 55, 46.646, 265.459.



This preview shows how white text looks on a background with the CIELCh color 55, 46.646, 265.459.

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, 46.606, 265.394

Protanomaly
54, 44.948, 274.388

Deuteranomaly
55, 47.611, 272.891

Tritanomaly
55, 33.028, 232.775

Monochromacy



Original Color
55, 46.606, 265.394

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 21.406, 246.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 46.646, 265.459 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(5, 138, 212)` looks like.

```
.text, #text, p{  
    color:rgb(5, 138, 212)  
}
```

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(5, 138, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 138, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 46.646, 265.459 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(5, 138, 212) }
```

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

```
.border{ border-color:rgb(5, 138, 212) }
```

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

Here you see how a box with a 4 pixel rgb(5, 138, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 138, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 138, 212);  
box-shadow:4px 4px 4px 4px rgb(5, 138,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 46.646, 265.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 138, 212) }
```

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

```
.background{ background-color: rgb(5, 138,  
212) }
```

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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