

Converting Colors

CIELCh(55, 26.533, 230.434)

Have a look what the booklet for
CIELCh(55, 26.533, 230.434)
contains.

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Color

CIELCh(55, 26.471, 229.285)

Conversions

Conversions Part 1

Format	Color
Hex	3C8EA6
RGB	60, 142, 166
RGB Percent	24%, 56%, 65%
CMY	0.7663, 0.4445, 0.3504
CMYK	0.64, 0.14, 0.00, 0.35
HSL	194°, 47%, 44%
HSV	194°, 64%, 65%
XYZ	18.3094, 22.9298, 39.3652
YIQ	120.2180, -56.5760, -9.9200

Conversions

Conversions Part 2

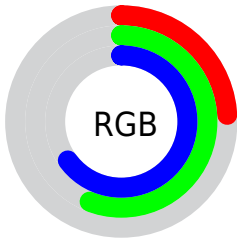
Format	Color
RYB	60, 106, 166
Decimal	3968678
CIELab	55.00, -17.27, -20.06
CIELCh	55, 26.471, 229.285
Yxy	22.9298, 0.2272, 0.2845
Android (android.graphics.Color)	4282158758 (0xFF3C8EA6)
YUV	120.2180, 22.5705, -52.8112
Hunter-Lab	47.8851, -15.5476, -15.2213

Details

The CIELCh color **55, 26.471, 229.285** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **45, 43.158, 42.750**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 26.518, 228.793**, and **36, 24.113, 232.263** is the 20% darker color. If you saturate the color by 10%, you get **53, 28.753, 231.733**, and if you desaturate by 10%, it is **57, 23.600, 227.353**.

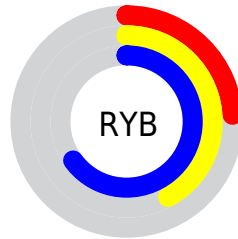
Distribution



Red (24%)

Green (56%)

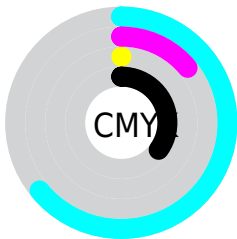
Blue (65%)



Red (24%)

Yellow (42%)

Blue (65%)

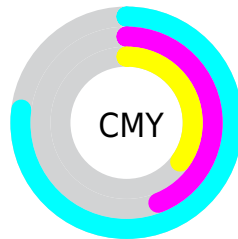


Cyan (64%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (77%)


Magenta (44%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 26.471, 229.285 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, 26.471, 229.285 by changing the saturation by 10% instead.


 55, 26.471,
229.285


 55, 26.471,
229.285


 100, 26.471,
229.285


 45, 26.471,
229.285


 75, 26.471,
229.285

 35, 26.471,
229.285

 85, 26.471,
229.285

 25, 26.471,
229.285

 95, 26.471,
229.285

 15, 26.471,
229.285

 5, 26.471, 229.285

 0, 26.471, 229.285

■ 55, 26.471,
229.285

■ 55, 26.471,
229.285

■ 53, 28.753,
231.733

■ 57, 23.600,
227.353

■ 52, 30.464,
234.782

■ 59, 20.170,
225.855

■ 51, 31.682,
238.481

■ 61, 16.233,
224.711

■ 50, 32.319,
240.840

■ 63, 11.861,
223.853

■ 65, 7.125, 223.235

■ 67, 2.096, 222.923

■ 69, 3.163, 42.224

■ 72, 8.597, 42.094

■ 74, 14.160, 41.975

Harmonies

Complementary

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



55, 26.471, 229.285



45, 43.158, 42.750

Rectangle

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



55, 26.471, 229.285



55, 26.471, 279.285



55, 26.471, 49.285



55, 26.471, 99.285

Sweetspot

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



55, 26.470, 229.284



80, 11.725, 223.535



61, 59.194, 144.817



42, 7.991, 223.714



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



55, 26.470, 229.284



67, 35.802, 232.985



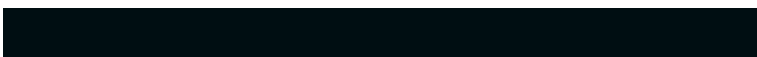
39, 46.494, 287.366



33, 2.873, 223.025



44, 29.308, 240.321



3, 4.496, 228.793

Inverse Universe

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



43, 57.902, 335.983



52, 79.686, 337.270



58, 44.170, 86.662



32, 5.354, 332.008



32, 64.058, 339.523



1, 7.979, 333.390

Previews

White Background



This preview shows how the CIE LCh color 55, 26.471, 229.285 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, 26.471, 229.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

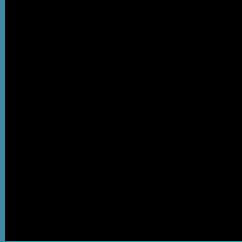
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 26.471, 229.285

Background



This preview shows how black text looks on a background with the CIELCh color 55, 26.471, 229.285.



This preview shows how white text looks on a background with the CIELCh color 55, 26.471, 229.285.

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, 26.471, 229.285

Protanopia

55, 15.591, 285.425

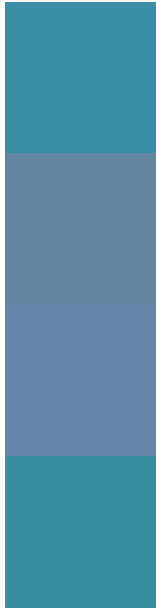
Deuteranopia

55, 23.025, 288.626



Tritanopia
55, 26.418, 212.448

Trichromacy



Original Color
55, 26.471, 229.285

Protanomaly
54, 18.227, 254.440

Deuteranomaly
55, 21.873, 262.964

Tritanomaly
55, 26.271, 217.979

Monochromacy



Original Color
55, 26.471, 229.285

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 11.863, 224.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 26.471, 229.285 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(60, 142, 166)` looks like.

```
.text, #text, p{  
    color:rgb(60, 142, 166)  
}
```

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(60, 142, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 142, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 26.471, 229.285 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(60, 142, 166) }
```

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

```
.border{ border-color:rgb(60, 142, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 142, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 142, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 142, 166);  
box-shadow:4px 4px 4px 4px rgb(60, 142,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 26.471, 229.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 142, 166) }
```

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

```
.background{ background-color: rgb(60, 142,  
166) }
```

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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