

Converting Colors

CIELCh(55, 23.095, 179.151)

Have a look what the booklet for
CIELCh(55, 23.095, 179.151)
contains.

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Color

CIELCh(55, 23.322, 178.393)

Conversions

Conversions Part 1

Format	Color
Hex	518F82
RGB	81, 143, 130
RGB Percent	32%, 56%, 51%
CMY	0.6831, 0.4400, 0.4910
CMYK	0.43, 0.00, 0.09, 0.44
HSL	167°, 28%, 44%
HSV	167°, 43%, 56%
XYZ	17.1833, 22.9298, 24.5687
YIQ	122.9800, -32.7790, -17.1870

Conversions

Conversions Part 2

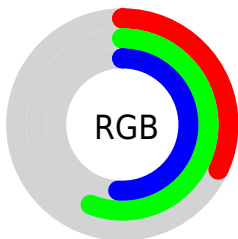
Format	Color
R_{YB}	81, 116, 143
Decimal	5345154
CIE _{Lab}	55.00, -23.31, 0.65
CIE _{LCh}	55, 23.322, 178.393
Yxy	22.9298, 0.2657, 0.3545
Android (android.graphics.Color)	4283535234 (0xFF518F82)
YUV	122.9800, 3.4609, -36.8165
Hunter-Lab	47.8851, -19.7454, 3.0994

Details

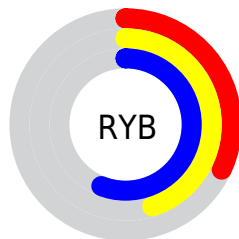
The CIELCh color **55, 23.322, 178.393** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **42, 27.790, 7.874**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 23.178, 178.531**, and **35, 23.054, 178.965** is the 20% darker color. If you saturate the color by 10%, you get **54, 27.727, 177.248**, and if you desaturate by 10%, it is **56, 18.455, 179.450**.

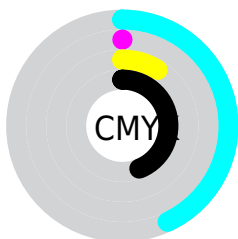
Distribution



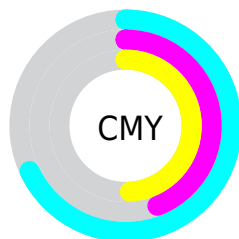
- Red (32%)
- Green (56%)
- Blue (51%)



- Red (32%)
- Yellow (45%)
- Blue (56%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)





- Cyan (68%)
- Magenta (44%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 23.322, 178.393 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, 23.322, 178.393 by changing the saturation by 10% instead.


 55, 23.322,
178.393


 55, 23.322,
178.393


 100, 23.322,
178.393


 45, 23.322,
178.393


 75, 23.322,
178.393

 35, 23.322,
178.393

 85, 23.322,
178.393

 25, 23.322,
178.393

 95, 23.322,
178.393

 15, 23.322,
178.393

 5, 23.322, 178.393

 0, 23.322, 178.393

■ 55, 23.322,
178.393

■ 55, 23.322,
178.393

■ 54, 27.727,
177.248

■ 56, 18.455,
179.450

■ 54, 31.588,
176.001

■ 57, 13.215,
180.443

■ 53, 34.844,
174.628

■ 58, 7.695, 181.394

■ 59, 1.981, 182.424

■ 53, 37.470,
173.108

■ 60, 3.854, 2.965

■ 53, 39.484,
171.425

■ 62, 9.745, 3.838

■ 53, 40.650,
170.305

■ 63, 15.644, 4.634

■ 65, 21.509, 5.396

■ 66, 27.314, 6.130

Harmonies

Complementary

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



55, 23.322, 178.393



42, 27.790, 7.874

Rectangle

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



55, 23.322, 178.393



55, 23.322, 228.393



55, 23.322, 358.393



55, 23.322, 48.393

Sweetspot

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



55, 23.323, 178.391



74, 9.258, 181.407



55, 40.126, 135.984



39, 6.511, 181.217



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 23.323, 178.391



70, 33.549, 177.285



50, 17.668, 234.036



30, 3.255, 181.796



50, 39.005, 170.408



2, 2.226, 182.530

Inverse Universe

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



42, 27.790, 7.874



50, 41.676, 9.829



46, 23.316, 47.590



28, 3.369, 3.283



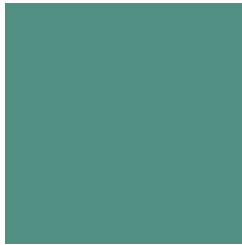
27, 56.896, 27.149



0, 2.226, 2.515

Previews

White Background



This preview shows how the CIE LCh color 55, 23.322, 178.393 looks on a white background.

Color Contrast Check

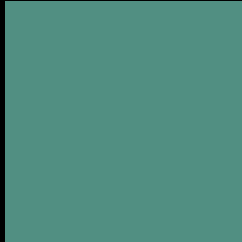
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.322, 178.393 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, 23.322, 178.393

Background



This preview shows how black text looks on a background with the CIELCh color 55, 23.322, 178.393.

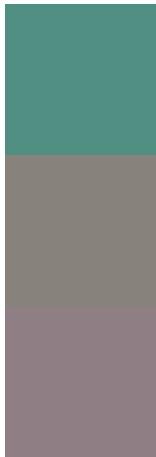


This preview shows how white text looks on a background with the CIELCh color 55, 23.322, 178.393.

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, 23.322, 178.393

Protanopia
55, 4.484, 82.739

Deuteranopia
55, 7.267, 351.941



Tritanopia
55, 18.531, 217.967

Trichromacy



Original Color
55, 23.322, 178.393

Protanomaly
55, 9.783, 162.457

Deuteranomaly
54, 5.066, 192.427

Tritanomaly
55, 19.122, 201.084

Monochromacy



Original Color
55, 23.322, 178.393

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 9.028, 179.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 23.322, 178.393 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(81, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(81, 143, 130)  
}
```

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(81, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 143, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 23.322, 178.393 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(81, 143, 130) }
```

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

```
.border{ border-color:rgb(81, 143, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 143, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(81, 143,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 23.322, 178.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 143, 130) }
```

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

```
.background{ background-color: rgb(81, 143,  
130) }
```

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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