

Converting Colors

CIELCh(55, 24.159, 235.199)

Have a look what the booklet for
CIELCh(55, 24.159, 235.199)
contains.

CIELCh(55, 24.138, 234.768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 24.138, 234.768)

Conversions

Conversions Part 1

Format	Color
Hex	498CA5
RGB	73, 140, 165
RGB Percent	29%, 55%, 65%
CMY	0.7132, 0.4505, 0.3525
CMYK	0.56, 0.15, 0.00, 0.35
HSL	196°, 39%, 47%
HSV	196°, 56%, 65%
XYZ	18.9525, 22.9298, 39.0778
YIQ	122.8170, -47.9570, -6.4290

Conversions

Conversions Part 2

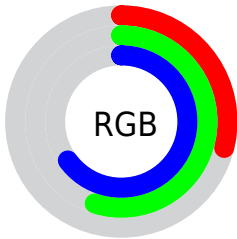
Format	Color
R_{YB}	73, 112, 165
Decimal	4820133
CIE _{Lab}	55.00, -13.92, -19.72
CIE _{LCh}	55, 24.138, 234.768
Yxy	22.9298, 0.2341, 0.2832
Android (android.graphics.Color)	4283010213 (0xFF498CA5)
YUV	122.8170, 20.7962, -43.6895
Hunter-Lab	47.8851, -13.1504, -14.8654

Details

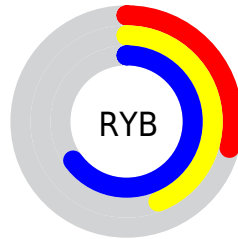
The CIELCh color **55, 24.138, 234.768** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 35.543, 46.364**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 24.008, 234.265**, and **35, 24.047, 234.434** is the 20% darker color. If you saturate the color by 10%, you get **53, 27.090, 237.220**, and if you desaturate by 10%, it is **57, 20.687, 232.818**.

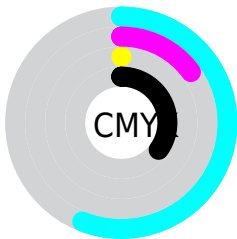
Distribution



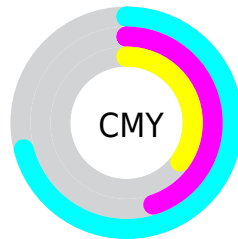
- Red (29%)
- Green (55%)
- Blue (65%)



- Red (29%)
- Yellow (44%)
- Blue (65%)



- Cyan (56%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)




- Cyan (71%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 24.138, 234.768 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, 24.138, 234.768 by changing the saturation by 10% instead.

 55, 24.138,
234.768


 55, 24.138,
234.768

 100, 24.138,
234.768


 45, 24.138,
234.768


 75, 24.138,
234.768

 35, 24.138,
234.768

 85, 24.138,
234.768

 25, 24.138,
234.768

 95, 24.138,
234.768

 15, 24.138,
234.768

 5, 24.138, 234.768

 0, 24.138, 234.768

■ 55, 24.138,
234.768

■ 55, 24.138,
234.768

■ 53, 27.090,
237.220

■ 57, 20.687,
232.818

■ 51, 29.537,
240.265

■ 59, 16.779,
231.287

■ 49, 31.520,
243.966

■ 62, 12.472,
230.095

■ 48, 33.147,
248.321

■ 64, 7.828, 229.184

■ 47, 33.838,
250.222

■ 66, 2.912, 228.561

■ 69, 2.220, 47.651

■ 71, 7.517, 47.372

■ 74, 12.936, 47.078

■ 77, 18.443, 46.850

Harmonies

Complementary

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



55, 24.138, 234.768



49, 35.543, 46.364

Rectangle

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



55, 24.138, 234.768



55, 24.138, 284.768



55, 24.138, 54.768



55, 24.138, 104.768

Sweetspot

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



55, 24.137, 234.767



81, 10.427, 229.312



61, 50.334, 147.693



42, 6.928, 229.471



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, 24.137, 234.767



67, 33.684, 237.926



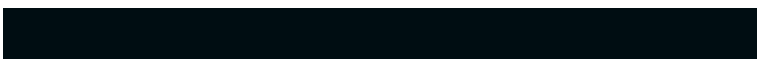
42, 42.718, 288.099



33, 2.834, 228.737



42, 30.704, 249.652



3, 4.474, 234.945

Inverse Universe

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



45, 50.152, 337.325



54, 71.211, 338.527



60, 39.987, 91.541



32, 5.182, 333.740



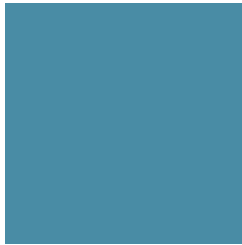
32, 62.070, 342.500



1, 7.696, 335.403

Previews

White Background



This preview shows how the CIELCh color 55, 24.138, 234.768 looks on a white background.

Color Contrast Check

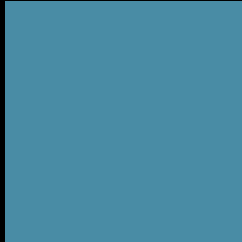
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.138, 234.768 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, 24.138, 234.768

Background



This preview shows how black text looks on a background with the CIELCh color 55, 24.138, 234.768.

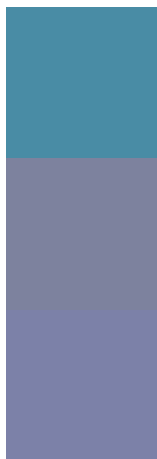


This preview shows how white text looks on a background with the CIELCh color 55, 24.138, 234.768.

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, 24.138, 234.768

Protanopia

55, 16.160, 285.747

Deuteranopia

55, 22.455, 288.437



Tritanopia
55, 23.351, 214.776

Trichromacy



Original Color
55, 24.138, 234.768

Protanomaly
55, 17.859, 259.833

Deuteranomaly
55, 21.268, 266.642

Tritanomaly
55, 23.391, 222.526

Monochromacy



Original Color
55, 24.138, 234.768

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 10.079, 230.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 24.138, 234.768 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(73, 140, 165)` looks like.

```
.text, #text, p{  
    color:rgb(73, 140, 165)  
}
```

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(73, 140, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 140, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 24.138, 234.768 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(73, 140, 165) }
```

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

```
.border{ border-color:rgb(73, 140, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 140, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 140, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 140, 165);  
box-shadow:4px 4px 4px 4px rgb(73, 140,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 24.138, 234.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 140, 165) }
```

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

```
.background{ background-color: rgb(73, 140,  
165) }
```

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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