

Converting Colors

CIELCh(55, 25.524, 139.341)

Have a look what the booklet for
CIELCh(55, 25.524, 139.341)
contains.

CIELCh(55, 25.524, 139.341)	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, 25.524, 139.341)

Conversions

Conversions Part 1

Format	Color
Hex	6B8C66
RGB	107, 140, 102
RGB Percent	42%, 55%, 40%
CMY	0.5795, 0.4500, 0.5991
CMYK	0.24, 0.00, 0.27, 0.45
HSL	112°, 16%, 48%
HSV	112°, 27%, 55%
XYZ	17.9136, 22.9298, 16.1110
YIQ	125.8010, -7.4700, -18.8140

Conversions

Conversions Part 2

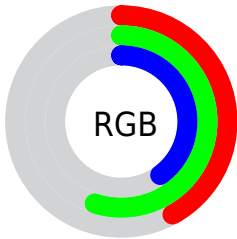
Format	Color
RYB	102, 140, 135
Decimal	7048294
CIELab	55.00, -19.36, 16.63
CIElCh	55, 25.524, 139.341
Yxy	22.9298, 0.3145, 0.4026
Android (android.graphics.Color)	4285238374 (0xFF6B8C66)
YUV	125.8010, -11.7339, -16.4885
Hunter-Lab	47.8851, -17.0228, 13.5713

Details

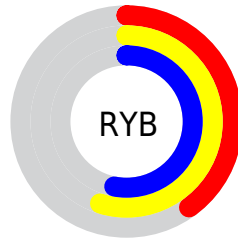
The CIELCh color $55, 25.524, 139.341$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $48, 25.717, 322.042$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 25.803, 139.281$, and $35, 25.726, 139.808$ is the 20% darker color. If you saturate the color by 10%, you get $54, 34.843, 138.654$, and if you desaturate by 10%, it is $56, 16.084, 139.956$.

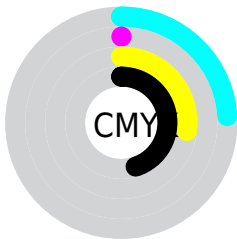
Distribution



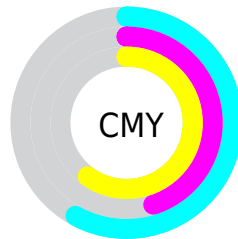
- Red (42%)
- Green (55%)
- Blue (40%)



- Red (40%)
- Yellow (55%)
- Blue (53%)



- Cyan (24%)
- Magenta (0%)
- Yellow (27%)
- Black (45%)





- Cyan (58%)
- Magenta (45%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 25.524, 139.341 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, 25.524, 139.341 by changing the saturation by 10% instead.


 55, 25.524,
139.341


 55, 25.524,
139.341


 100, 25.524,
139.341


 45, 25.524,
139.341


 75, 25.524,
139.341

 35, 25.524,
139.341

 85, 25.524,
139.341

 25, 25.524,
139.341

 95, 25.524,
139.341

 15, 25.524,
139.341

 5, 25.524, 139.341

 0, 25.524, 139.341

■ 55, 25.524,
139.341

■ 55, 25.524,
139.341

■ 54, 34.843,
138.654

■ 56, 16.084,
139.956

■ 53, 43.868,
137.905

■ 57, 6.646, 140.506

■ 52, 52.379,
137.126

■ 59, 2.697, 320.877

■ 52, 60.088,
136.376

■ 60, 11.880,
321.324

■ 51, 66.645,
135.750

■ 62, 20.859,
321.670

■ 51, 71.670,
135.368

■ 63, 29.607,
321.962

■ 51, 75.031,
135.252

■ 65, 38.111,
322.210

■ 51, 75.883,

■ 67, 46.364,
322.421

135.167

■ 69, 54.367,
322.600

Harmonies

Complementary

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



55, 25.524, 139.341



48, 25.717, 322.042

Rectangle

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



55, 25.524, 139.341



55, 25.524, 189.341



55, 25.524, 319.341



55, 25.524, 9.341

Sweetspot

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



55, 25.525, 139.342



72, 9.224, 140.449



56, 18.798, 101.258



38, 6.613, 140.376



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 25.525, 139.342



69, 38.228, 138.897



55, 20.392, 154.945



28, 5.207, 140.397



48, 72.821, 135.126



1, 2.409, 140.816

Inverse Universe

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



48, 25.717, 322.042



58, 38.562, 322.334



48, 20.711, 339.145



27, 5.227, 321.210



28, 71.802, 323.304



0, 2.410, 320.812

Previews

White Background



This preview shows how the CIELCh color 55, 25.524, 139.341 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, 25.524, 139.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

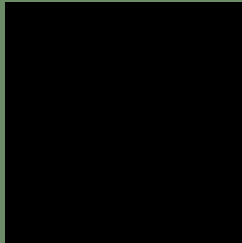
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 25.524, 139.341

Background



This preview shows how black text looks on a background with the CIELCh color 55, 25.524, 139.341.



This preview shows how white text looks on a background with the CIELCh color 55, 25.524, 139.341.

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](#).

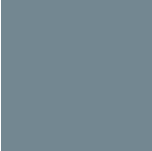
Dichromacy



Original Color
55, 25.524, 139.341

Protanopia
55, 19.311, 94.824

Deuteranopia
55, 16.932, 64.941



Tritanopia
55, 9.179, 237.762

Trichromacy



Original Color
55, 25.524, 139.341

Protanomaly
55, 19.431, 114.105

Deuteranomaly
55, 15.559, 100.377

Tritanomaly
55, 10.727, 172.951

Monochromacy



Original Color
55, 25.524, 139.341

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.442, 140.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 25.524, 139.341 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(107, 140, 102)` looks like.

```
.text, #text, p{  
    color:rgb(107, 140, 102)  
}
```

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(107, 140, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 140, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 25.524, 139.341 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(107, 140, 102) }
```

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

```
.border{ border-color:rgb(107, 140, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 140, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 140, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 140, 102);  
box-shadow:4px 4px 4px 4px rgb(107, 140,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 25.524, 139.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 140, 102) }
```

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

```
.background{ background-color: rgb(107,  
140, 102) }
```

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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