

Converting Colors

CIELCh(55, 21.821, 141.955)

Have a look what the booklet for
CIELCh(55, 21.821, 141.955)
contains.

CIELCh(55, 21.525, 142.243)	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, 21.525, 142.243)

Conversions

Conversions Part 1

Format	Color
Hex	6D8B6C
RGB	109, 139, 108
RGB Percent	43%, 55%, 42%
CMY	0.5712, 0.4535, 0.5752
CMYK	0.22, 0.00, 0.22, 0.45
HSL	118°, 13%, 49%
HSV	118°, 22%, 55%
XYZ	18.3568, 22.9298, 17.7395
YIQ	126.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

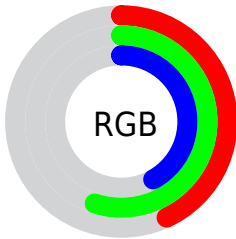
Format	Color
RYB	108, 139, 138
Decimal	7179116
CIELab	55.00, -17.02, 13.18
CIELCh	55, 21.525, 142.243
Yxy	22.9298, 0.3110, 0.3885
Android (android.graphics.Color)	4285369196 (0xFF6D8B6C)
YUV	126.4960, -9.1185, -15.3440
Hunter-Lab	47.8851, -15.3709, 11.5551

Details

The CIELCh color $55, 21.525, 142.243$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 21.567, 324.701$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 21.559, 142.622$, and $35, 21.763, 141.529$ is the 20% darker color. If you saturate the color by 10%, you get $54, 31.163, 141.477$, and if you desaturate by 10%, it is $56, 11.814, 142.912$.

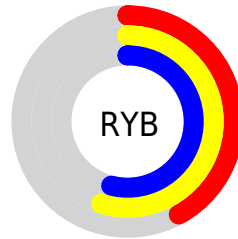
Distribution



Red (43%)

Green (55%)

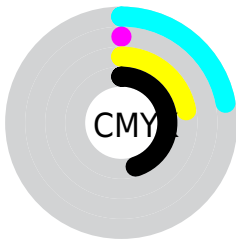
Blue (42%)



Red (42%)

Yellow (55%)

Blue (54%)

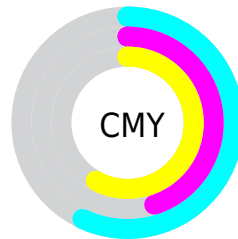


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (45%)



Cyan (57%)


Magenta (45%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 21.525, 142.243 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, 21.525, 142.243 by changing the saturation by 10% instead.


 55, 21.525,
142.243


 55, 21.525,
142.243


 100, 21.525,
142.243


 45, 21.525,
142.243


 75, 21.525,
142.243

 35, 21.525,
142.243

 85, 21.525,
142.243

 25, 21.525,
142.243

 95, 21.525,
142.243

 15, 21.525,
142.243

 5, 21.525, 142.243

 0, 21.525, 142.243

■ 55, 21.525,
142.243

■ 55, 21.525,
142.243

■ 54, 31.163,
141.477

■ 56, 11.814,
142.912

■ 53, 40.551,
140.608

■ 58, 2.157, 143.551

■ 52, 49.466,
139.649

■ 59, 7.353, 323.918

■ 51, 57.629,
138.639

■ 61, 16.651,
324.343

■ 51, 64.703,
137.654

■ 63, 25.697,
324.696

■ 51, 70.313,
136.807

■ 64, 34.470,
324.995


■ 50, 74.126,
136.228

■ 66, 42.959,
325.249

■ 50, 76.213,

■ 68, 51.166,
325.466

135.828

 70, 59.096,
325.652

Harmonies

Complementary

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



55, 21.525, 142.243



50, 21.567, 324.701

Rectangle

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



55, 21.525, 142.243



55, 21.525, 192.243



55, 21.525, 322.243



55, 21.525, 12.243

Sweetspot

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



55, 21.526, 142.243



72, 8.325, 143.224



57, 16.950, 106.674



38, 5.454, 143.194



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, 21.526, 142.243



69, 32.333, 141.848



55, 15.445, 160.044



28, 5.375, 143.103



48, 73.505, 135.816



1, 2.485, 143.579

Inverse Universe

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



50, 21.567, 324.701



61, 32.391, 324.969



49, 15.801, 343.729



27, 5.386, 324.021



30, 71.221, 326.993



0, 2.486, 323.575

Previews

White Background



This preview shows how the CIELCh color 55, 21.525, 142.243 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, 21.525, 142.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

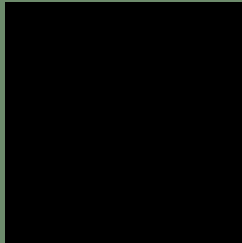
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 21.525, 142.243

Background



This preview shows how black text looks on a background with the CIELCh color 55, 21.525, 142.243.



This preview shows how white text looks on a background with the CIELCh color 55, 21.525, 142.243.

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, 21.525, 142.243

Protanopia

55, 15.893, 94.214

Deuteranopia

55, 13.792, 58.450



Tritanopia
55, 9.013, 243.686

Trichromacy



Original Color
55, 21.525, 142.243

Protanomaly
55, 16.083, 115.737

Deuteranomaly
55, 12.184, 98.746

Tritanomaly
55, 8.760, 183.307

Monochromacy



Original Color
55, 21.525, 142.243

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 7.530, 141.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 21.525, 142.243 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(109, 139, 108)` looks like.

```
.text, #text, p{  
    color:rgb(109, 139, 108)  
}
```

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(109, 139, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 139, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 21.525, 142.243 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(109, 139, 108) }
```

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

```
.border{ border-color:rgb(109, 139, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 139, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 139, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 139, 108);  
box-shadow:4px 4px 4px 4px rgb(109, 139,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 21.525, 142.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 139, 108) }
```

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

```
.background{ background-color: rgb(109,  
139, 108) }
```

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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