

Converting Colors

CIELCh(55, 35.027, 142.436)

Have a look what the booklet for
CIELCh(55, 35.027, 142.436)
contains.

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Color

CIELCh(55, 34.987, 142.457)

Conversions

Conversions Part 1

Format	Color
Hex	5D905E
RGB	93, 144, 94
RGB Percent	36%, 56%, 37%
CMY	0.6368, 0.4369, 0.6329
CMYK	0.36, 0.00, 0.35, 0.44
HSL	121°, 22%, 46%
HSV	121°, 36%, 56%
XYZ	16.3884, 22.9298, 14.0621
YIQ	123.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

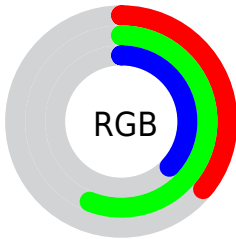
Format	Color
RYB	93, 143, 144
Decimal	6131806
CIELab	55.00, -27.74, 21.32
CIElCh	55, 34.987, 142.457
Yxy	22.9298, 0.3070, 0.4296
Android (android.graphics.Color)	4284321886 (0xFF5D905E)
YUV	123.0510, -14.3221, -26.3547
Hunter-Lab	47.8851, -22.7083, 16.1083

Details

The CIELCh color $55, 34.987, 142.457$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 34.959, 326.855$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 34.840, 142.633$, and $35, 34.998, 142.469$ is the 20% darker color. If you saturate the color by 10%, you get $54, 44.429, 141.485$, and if you desaturate by 10%, it is $56, 25.212, 143.312$.

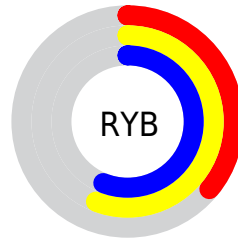
Distribution



Red (36%)

Green (56%)

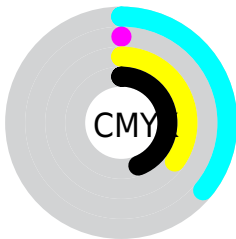
Blue (37%)



Red (36%)

Yellow (56%)

Blue (56%)

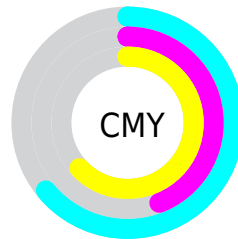


Cyan (36%)

Magenta (0%)

Yellow (35%)

Black (44%)



Cyan (64%)


Magenta (44%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 34.987, 142.457 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, 34.987, 142.457 by changing the saturation by 10% instead.


 55, 34.987,
142.457


 55, 34.987,
142.457


 100, 34.987,
142.457


 45, 34.987,
142.457


 75, 34.987,
142.457

 35, 34.987,
142.457

 85, 34.987,
142.457

 25, 34.987,
142.457

 95, 34.987,
142.457

 15, 34.987,
142.457

 5, 34.987, 142.457

 0, 34.987, 142.457

■ 55, 34.987,
142.457

■ 55, 34.987,
142.457

■ 54, 44.429,
141.485

■ 56, 25.212,
143.312

■ 53, 53.286,
140.408

■ 57, 15.297,
144.053

■ 53, 61.262,
139.268

■ 59, 5.398, 144.707

■ 52, 68.013,
138.146

■ 60, 4.375, 325.157

■ 52, 73.184,
137.161

■ 62, 13.943,
325.645

■ 52, 76.513,
136.458

■ 64, 23.257,
326.039

■ 52, 77.680,
136.235

■ 66, 32.288,
326.372

■ 68, 41.022,
326.657

■ 70, 49.457,
326.901

Harmonies

Complementary

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



55, 34.987, 142.457



46, 34.959, 326.855

Rectangle

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



55, 34.987, 142.457



55, 34.987, 192.457



55, 34.987, 322.457



55, 34.987, 12.457

Sweetspot

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



55, 34.988, 142.457



74, 13.380, 144.340



58, 28.376, 107.600



39, 9.067, 144.261



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, 34.988, 142.457



69, 51.984, 141.650



56, 24.061, 161.235



29, 5.524, 144.472



49, 74.304, 136.251



2, 3.716, 144.976

Inverse Universe

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



46, 34.959, 326.855



56, 51.834, 327.271



46, 25.186, 347.931



28, 5.533, 325.444



31, 71.017, 329.018



1, 3.717, 324.972

Previews

White Background



This preview shows how the CIELCh color 55, 34.987, 142.457 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, 34.987, 142.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

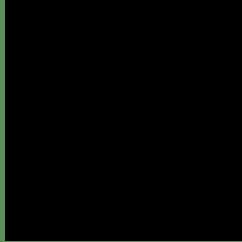
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 34.987, 142.457

Background



This preview shows how black text looks on a background with the CIELCh color 55, 34.987, 142.457.



This preview shows how white text looks on a background with the CIELCh color 55, 34.987, 142.457.

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, 34.987, 142.457

Protanopia
55, 24.899, 95.820

Deuteranopia
55, 20.709, 70.036



Tritanopia
55, 13.356, 226.826

Trichromacy



Original Color
55, 34.987, 142.457

Protanomaly
55, 26.456, 118.304

Deuteranomaly
54, 20.465, 107.637

Tritanomaly
55, 16.381, 175.013

Monochromacy



Original Color
55, 34.987, 142.457

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 12.751, 143.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 34.987, 142.457 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(93, 144, 94)` looks like.

```
.text, #text, p{  
    color:rgb(93, 144, 94)  
}
```

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(93, 144, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 144, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 34.987, 142.457 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(93, 144, 94) }
```

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

```
.border{ border-color:rgb(93, 144, 94) }
```

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

Here you see how a box with a 4 pixel rgb(93, 144, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 144, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 144, 94);  
box-shadow:4px 4px 4px 4px rgb(93, 144,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 34.987, 142.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 144, 94) }
```

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

```
.background{ background-color: rgb(93, 144,  
94) }
```

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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