

Converting Colors

CIELCh(53, 35.240, 135.854)

Have a look what the booklet for
CIELCh(53, 35.240, 135.854)
contains.

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Color

CIELCh(53, 35.055, 135.574)

Conversions

Conversions Part 1

Format	Color
Hex	608953
RGB	96, 137, 83
RGB Percent	38%, 54%, 33%
CMY	0.6231, 0.4622, 0.6741
CMYK	0.30, 0.00, 0.39, 0.46
HSL	106°, 25%, 43%
HSV	106°, 39%, 54%
XYZ	15.3656, 21.0462, 11.4595
YIQ	118.5850, -7.1020, -25.4860

Conversions

Conversions Part 2

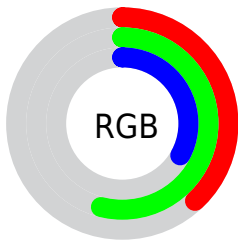
Format	Color
R_{YB}	83, 137, 124
Decimal	6326611
CIE _{Lab}	53.00, -25.03, 24.54
CIE _{LCh}	53, 35.055, 135.574
Yxy	21.0462, 0.3210, 0.4396
Android (android.graphics.Color)	4284516691 (0xFF608953)
YUV	118.5850, -17.5434, -19.8070
Hunter-Lab	45.8761, -20.4970, 17.3031

Details

The CIELCh color **53, 35.055, 135.574** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **42, 35.805, 319.217**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 35.339, 135.534**, and **33, 35.058, 135.707** is the 20% darker color. If you saturate the color by 10%, you get **52, 43.581, 134.971**, and if you desaturate by 10%, it is **54, 26.248, 136.158**.

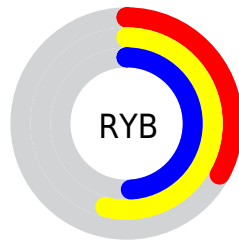
Distribution



Red (38%)

Green (54%)

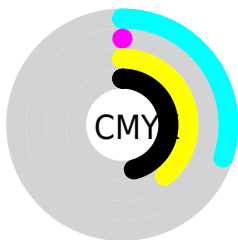
Blue (33%)



Red (33%)

Yellow (54%)

Blue (49%)

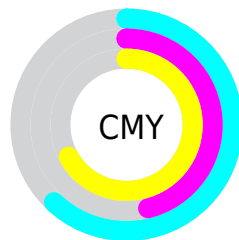


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (46%)



Cyan (62%)


Magenta (46%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 35.055, 135.574 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 53, 35.055, 135.574 by changing the saturation by 10% instead.


 53, 35.055,
135.574


 53, 35.055,
135.574


 100, 35.055,
135.574


 43, 35.055,
135.574


 73, 35.055,
135.574

 33, 35.055,
135.574

 83, 35.055,
135.574

 23, 35.055,
135.574

 93, 35.055,
135.574

 13, 35.055,
135.574

 3, 35.055, 135.574

 0, 35.055, 135.574

■ 53, 35.055,
135.574

■ 53, 35.055,
135.574

■ 52, 43.581,
134.971

■ 54, 26.248,
136.158

■ 52, 51.618,
134.389

■ 55, 17.309,
136.699

■ 51, 58.896,
133.899

■ 56, 8.349, 137.192

■ 50, 65.073,
133.606

■ 57, 0.550, 317.331

■ 59, 9.331, 317.962

■ 50, 69.793,
133.625

■ 60, 17.954,
318.295

■ 50, 73.184,
133.844

■ 61, 26.393,
318.578

■ 50, 73.383,
133.846

■ 63, 34.631,
318.821

■ 64, 42.661,
319.029

Harmonies

Complementary

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



53, 35.055, 135.574



42, 35.805, 319.217

Rectangle

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



53, 35.055, 135.574



53, 35.055, 185.574



53, 35.055, 315.574



53, 35.055, 5.574

Sweetspot

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



53, 35.056, 135.575



71, 13.257, 137.054



52, 24.046, 92.535



37, 8.763, 137.002



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 35.056, 135.575



67, 51.516, 135.052



53, 31.629, 149.155



29, 5.036, 137.203



48, 71.587, 133.809



1, 2.332, 137.579

Inverse Universe

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



42, 35.805, 319.217



50, 52.802, 319.538



43, 31.841, 334.990



27, 5.068, 317.939



25, 72.853, 319.521



0, 2.333, 317.576

Previews

White Background



This preview shows how the CIELCh color 53, 35.055, 135.574 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 53, 35.055, 135.574 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 53, 35.055, 135.574

Background



This preview shows how black text looks on a background with the CIELCh color 53, 35.055, 135.574.



This preview shows how white text looks on a background with the CIELCh color 53, 35.055, 135.574.

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
53, 35.055, 135.574

Protanopia
53, 27.242, 96.224

Deuteranopia
53, 24.056, 73.390



Tritanopia
53, 10.628, 235.708

Trichromacy



Original Color
53, 35.055, 135.574

Protanomaly
53, 28.505, 113.739

Deuteranomaly
53, 23.463, 102.856

Tritanomaly
53, 14.276, 166.153

Monochromacy



Original Color
53, 35.055, 135.574

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 13.173, 136.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 35.055, 135.574 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(96, 137, 83)` looks like.

```
.text, #text, p{  
    color:rgb(96, 137, 83)  
}
```

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(96, 137, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 137, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 35.055, 135.574 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(96, 137, 83) }
```

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

```
.border{ border-color:rgb(96, 137, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 137, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 137, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 137, 83);  
box-shadow:4px 4px 4px 4px rgb(96, 137,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 35.055, 135.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 137, 83) }
```

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

```
.background{ background-color: rgb(96, 137,  
83) }
```

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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