

Converting Colors

CIELCh(56, 21.987, 154.054)

Have a look what the booklet for
CIELCh(56, 21.987, 154.054)
contains.

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Color

CIELCh(56, 21.653, 154.152)

Conversions

Conversions Part 1

Format	Color
Hex	678F75
RGB	103, 143, 117
RGB Percent	40%, 56%, 46%
CMY	0.5951, 0.4382, 0.5402
CMYK	0.28, 0.00, 0.18, 0.44
HSL	141°, 16%, 48%
HSV	141°, 28%, 56%
XYZ	18.7099, 23.9124, 20.5368
YIQ	128.0760, -15.4940, -16.5660

Conversions

Conversions Part 2

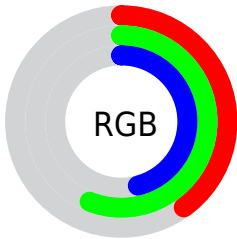
Format	Color
R_{YB}	103, 133, 143
Decimal	6786933
CIE _{Lab}	56.00, -19.49, 9.44
CIE _{LCh}	56, 21.653, 154.152
Yxy	23.9124, 0.2962, 0.3786
Android (android.graphics.Color)	4284977013 (0xFF678F75)
YUV	128.0760, -5.4605, -21.9917
Hunter-Lab	48.9003, -17.2791, 9.3301

Details

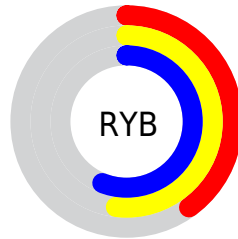
The CIELCh color $56, 21.653, 154.152$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 21.965, 338.439$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 21.726, 154.021$, and $36, 21.333, 154.884$ is the 20% darker color. If you saturate the color by 10%, you get $55, 29.250, 153.129$, and if you desaturate by 10%, it is $57, 13.913, 155.051$.

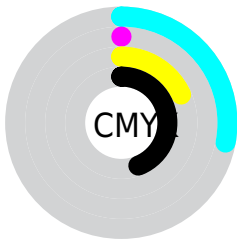
Distribution



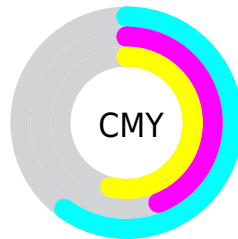
- Red (40%)
- Green (56%)
- Blue (46%)



- Red (40%)
- Yellow (52%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)





- Cyan (60%)
- Magenta (44%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 21.653, 154.152 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 56, 21.653, 154.152 by changing the saturation by 10% instead.


 56, 21.653,
154.152


 56, 21.653,
154.152


 100, 21.653,
154.152


 46, 21.653,
154.152


 76, 21.653,
154.152

 36, 21.653,
154.152

 86, 21.653,
154.152

 26, 21.653,
154.152

 96, 21.653,
154.152

 16, 21.653,
154.152

 6, 21.653, 154.152

 0, 21.653, 154.152

■ 56, 21.653,
154.152

■ 56, 21.653,
154.152

■ 55, 29.250,
153.129

■ 57, 13.913,
155.051

■ 54, 36.578,
151.963

■ 58, 6.133, 155.862

■ 60, 1.600, 336.340

■ 53, 43.503,
150.631

■ 61, 9.220, 337.104

■ 53, 49.894,
149.118

■ 63, 16.681,
337.675

■ 52, 55.636,
147.419

■ 65, 23.950,
338.185

■ 52, 60.648,
145.550

■ 66, 31.009,
338.647

■ 52, 64.962,
143.610

■ 68, 37.848,
339.070

■ 52, 65.809,

143.244

 70, 44.465,
339.458

Harmonies

Complementary

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



56, 21.653, 154.152



49, 21.965, 338.439

Rectangle

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



56, 21.653, 154.152



56, 21.653, 204.152



56, 21.653, 334.152



56, 21.653, 24.152

Sweetspot

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



56, 21.654, 154.151



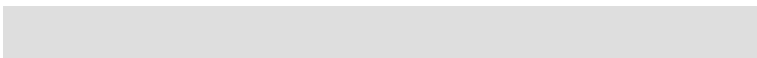
74, 7.663, 155.843



58, 23.159, 121.552



39, 5.492, 155.733



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



56, 21.654, 154.151



70, 32.538, 153.473



57, 15.290, 183.437



30, 4.358, 155.763



49, 62.904, 143.368



2, 2.938, 156.381

Inverse Universe

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



49, 21.965, 338.439



59, 33.077, 339.016



48, 17.303, 8.712



28, 4.386, 336.976



29, 56.182, 348.024



1, 2.939, 336.373

Previews

White Background



This preview shows how the CIELCh color 56, 21.653, 154.152 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 56, 21.653, 154.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

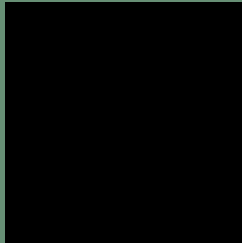
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 21.653, 154.152

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.653, 154.152.



This preview shows how white text looks on a background with the CIELCh color 56, 21.653, 154.152.

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
56, 21.653, 154.152

Protanopia
56, 12.433, 93.005

Deuteranopia
56, 10.927, 48.108



Tritanopia
56, 11.931, 230.610

Trichromacy



Original Color
56, 21.653, 154.152

Protanomaly
56, 13.735, 125.987

Deuteranomaly
56, 8.554, 109.135

Tritanomaly
56, 12.375, 190.205

Monochromacy



Original Color
56, 21.653, 154.152

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 8.311, 154.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.653, 154.152 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(103, 143, 117)` looks like.

```
.text, #text, p{  
    color:rgb(103, 143, 117)  
}
```

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(103, 143, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 143, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.653, 154.152 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(103, 143, 117) }
```

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

```
.border{ border-color:rgb(103, 143, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 143, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 143, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 143, 117);  
box-shadow:4px 4px 4px 4px rgb(103, 143,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.653, 154.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 143, 117) }
```

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

```
.background{ background-color: rgb(103,  
143, 117) }
```

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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