

Converting Colors

CIELCh(56, 51.835, 126.920)

Have a look what the booklet for
CIELCh(56, 51.835, 126.920)
contains.

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Color

CIELCh(56, 51.744, 127.051)

Conversions

Conversions Part 1

Format	Color
Hex	65933A
RGB	101, 147, 58
RGB Percent	40%, 58%, 23%
CMY	0.6042, 0.4238, 0.7728
CMYK	0.31, 0.00, 0.61, 0.42
HSL	91°, 43%, 40%
HSV	91°, 61%, 58%
XYZ	16.5434, 23.9124, 7.7376
YIQ	123.1000, 1.1530, -37.4310

Conversions

Conversions Part 2

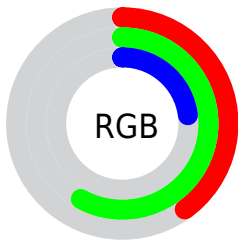
Format	Color
R_{YB}	58, 147, 104
Decimal	6656826
CIE _{Lab}	56.00, -31.18, 41.30
CIE _{LCh}	56, 51.744, 127.051
Yxy	23.9124, 0.3433, 0.4962
Android (android.graphics.Color)	4284846906 (0xFF65933A)
YUV	123.1000, -32.0943, -19.3817
Hunter-Lab	48.9003, -25.1876, 24.8486

Details

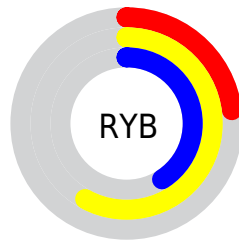
The CIELCh color **56, 51.744, 127.051** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **34, 56.313, 312.538**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 51.735, 126.728**, and **36, 51.847, 127.115** is the 20% darker color. If you saturate the color by 10%, you get **55, 58.830, 126.892**, and if you desaturate by 10%, it is **57, 43.900, 127.388**.

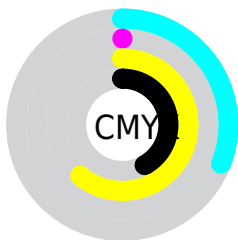
Distribution



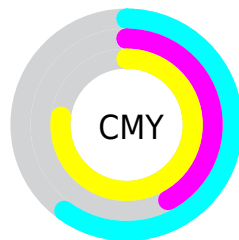
- Red (40%)
- Green (58%)
- Blue (23%)



- Red (23%)
- Yellow (58%)
- Blue (41%)



- Cyan (31%)
- Magenta (0%)
- Yellow (61%)
- Black (42%)





- Cyan (60%)
- Magenta (42%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 51.744, 127.051 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, 51.744, 127.051 by changing the saturation by 10% instead.


 56, 51.744,
127.051


 56, 51.744,
127.051


 100, 51.744,
127.051


 46, 51.744,
127.051


 76, 51.744,
127.051

 36, 51.744,
127.051

 86, 51.744,
127.051

 26, 51.744,
127.051

 96, 51.744,
127.051

 16, 51.744,
127.051

 6, 51.744, 127.051

 0, 51.744, 127.051

■ 56, 51.744,
127.051

■ 56, 51.744,
127.051

■ 55, 58.830,
126.892

■ 57, 43.900,
127.388

■ 55, 64.810,
127.017

■ 57, 35.567,
127.817

■ 55, 69.336,
127.545

■ 58, 26.942,
128.285

■ 54, 72.509,
128.296

■ 59, 18.162,
128.758

■ 60, 9.324, 129.217

■ 61, 0.494, 129.833

■ 62, 8.278, 310.014

■ 63, 16.958,
310.378

■ 64, 25.521,
310.703

Harmonies

Complementary

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



56, 51.744, 127.051



34, 56.313, 312.538

Rectangle

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



56, 51.744, 127.051



56, 51.744, 177.051



56, 51.744, 307.051



56, 51.744, 357.051

Sweetspot

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



56, 51.745, 127.052



75, 19.705, 128.861



47, 34.573, 69.594



40, 13.801, 128.735



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 51.745, 127.052



71, 74.510, 126.900



54, 58.641, 139.742



31, 5.008, 129.279



51, 69.097, 128.200



2, 4.383, 129.657

Inverse Universe

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



34, 56.313, 312.538



39, 82.684, 312.956



40, 57.993, 327.911



29, 5.072, 310.039



21, 78.438, 312.560



1, 4.384, 309.654

Previews

White Background



This preview shows how the CIELCh color 56, 51.744, 127.051 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, 51.744, 127.051 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, 51.744, 127.051

Background



This preview shows how black text looks on a background with the CIELCh color 56, 51.744, 127.051.



This preview shows how white text looks on a background with the CIELCh color 56, 51.744, 127.051.

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, 51.744, 127.051

Protanopia
56, 44.154, 95.713

Deuteranopia
56, 39.981, 79.322



Tritanopia
56, 10.553, 235.562

Trichromacy



Original Color
56, 51.744, 127.051

Protanomaly
56, 45.387, 108.775

Deuteranomaly
55, 39.840, 99.987

Tritanomaly
56, 19.186, 149.610

Monochromacy



Original Color
56, 51.744, 127.051

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 20.204, 128.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 51.744, 127.051 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(101, 147, 58)` looks like.

```
.text, #text, p{  
    color:rgb(101, 147, 58)  
}
```

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(101, 147, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 147, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 51.744, 127.051 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(101, 147, 58) }
```

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

```
.border{ border-color:rgb(101, 147, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 147, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 147, 58); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 147, 58); box-shadow:4px 4px 4px 4px rgb(101, 147, 58) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 51.744, 127.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 147, 58) }
```

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

```
.background{ background-color: rgb(101,  
147, 58) }
```

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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