

Converting Colors

CIELCh(56, 6.537, 27.272)

Have a look what the booklet for
CIELCh(56, 6.537, 27.272) contains.

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Color

CIELCh(56, 6.584, 29.944)

Conversions

Conversions Part 1

Format	Color
Hex	938381
RGB	147, 131, 129
RGB Percent	58%, 51%, 51%
CMY	0.4246, 0.4873, 0.4952
CMYK	0.00, 0.11, 0.12, 0.42
HSL	7°, 8%, 54%
HSV	7°, 12%, 58%
XYZ	24.0047, 23.9124, 24.0229
YIQ	135.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

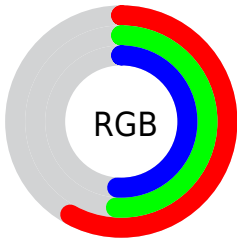
Format	Color
R_{YB}	147, 131, 129
Decimal	9667457
CIE _{Lab}	56.00, 5.71, 3.29
CIE _{LCh}	56, 6.584, 29.944
Yxy	23.9124, 0.3337, 0.3324
Android (android.graphics.Color)	4287857537 (0xFF938381)
YUV	135.5560, -3.2321, 10.0364
Hunter-Lab	48.9003, 2.0482, 5.1032

Details

The CIELCh color $56, 6.584, 29.944$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 6.088, 209.686$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 6.524, 29.280$, and $36, 6.340, 31.424$ is the 20% darker color. If you saturate the color by 10%, you get $52, 12.445, 30.362$, and if you desaturate by 10%, it is $60, 1.167, 29.412$.

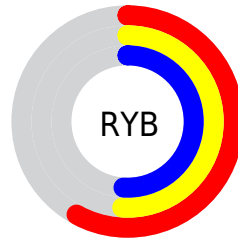
Distribution



Red (58%)

Green (51%)

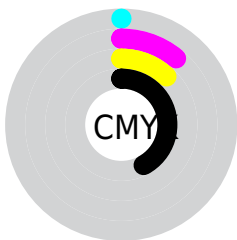
Blue (51%)



Red (58%)

Yellow (51%)

Blue (51%)

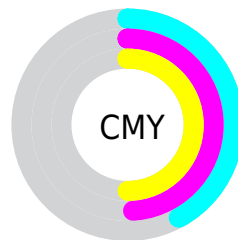


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 6.584, 29.944 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, 6.584, 29.944 by changing the saturation by 10% instead.

 56, 6.584, 29.944  56, 6.584, 29.944

 100, 6.584, 29.944  46, 6.584, 29.944

 76, 6.584, 29.944  36, 6.584, 29.944


 86, 6.584, 29.944  26, 6.584, 29.944

 96, 6.584, 29.944  16, 6.584, 29.944

 6, 6.584, 29.944

 0, 6.584, 29.944

 56, 6.584, 29.944  56, 6.584, 29.944

 52, 12.445, 30.362  60, 1.167, 29.412

 48, 18.776, 30.925  64, 3.839, 209.775

45, 25.578, 31.712

68, 8.475, 209.660

41, 32.818, 32.783

72, 12.781,
209.648

38, 40.407, 34.193

76, 16.797,
209.688

36, 48.179, 35.956

33, 55.815, 37.974

80, 20.557,
209.765

32, 62.649, 39.869

84, 24.093,
209.865

31, 66.995, 41.208

88, 27.432,
209.984

92, 30.612,
204.326

Harmonies

Complementary

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



56, 6.584, 29.944



59, 6.088, 209.686

Rectangle

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



56, 6.584, 29.944



56, 6.584, 79.944



56, 6.584, 209.944



56, 6.584, 259.944

Sweetspot

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



56, 6.583, 29.959



75, 2.579, 29.617



56, 11.649, 327.942



40, 1.853, 29.662



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, 6.583, 29.959



70, 10.120, 30.070



58, 6.757, 83.872



29, 3.015, 29.851



29, 63.564, 40.989



1, 2.549, 29.746

Inverse Universe

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



59, 6.088, 209.686



75, 9.166, 209.659



56, 6.681, 267.078



31, 2.846, 209.731



47, 28.055, 215.943



2, 2.549, 209.765

Previews

White Background



This preview shows how the CIELCh color 56, 6.584, 29.944 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 CIE LCh color 56, 6.584, 29.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

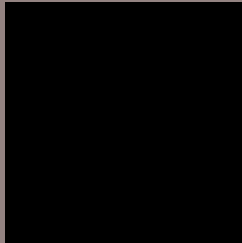
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 6.584, 29.944

Background



This preview shows how black text looks on a background with the CIELCh color 56, 6.584, 29.944.



This preview shows how white text looks on a background with the CIELCh color 56, 6.584, 29.944.

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, 6.584, 29.944

Protanopia

56, 2.772, 74.640

Deuteranopia

56, 7.739, 24.369



Tritanopia
56, 9.453, 343.260

Trichromacy



Original Color
56, 6.584, 29.944

Protanomaly
56, 3.628, 47.678

Deuteranomaly
56, 7.326, 24.563

Tritanomaly
56, 7.740, 358.618

Monochromacy



Original Color
56, 6.584, 29.944

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 2.383, 19.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 6.584, 29.944 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(147, 131, 129)` looks like.

```
.text, #text, p{  
    color:rgb(147, 131, 129)  
}
```

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(147, 131, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 131, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 6.584, 29.944 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(147, 131, 129) }
```

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

```
.border{ border-color:rgb(147, 131, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 131, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 131, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 131, 129);  
box-shadow:4px 4px 4px 4px rgb(147, 131,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 6.584, 29.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 131, 129) }
```

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

```
.background{ background-color: rgb(147,  
131, 129) }
```

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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