

Converting Colors

CIELCh(56, 26.635, 359.646)

Have a look what the booklet for
CIELCh(56, 26.635, 359.646)
contains.

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Color

CIELCh(56, 26.522, 0.188)

Conversions

Conversions Part 1

Format	Color
Hex	B27587
RGB	178, 117, 135
RGB Percent	70%, 46%, 53%
CMY	0.3022, 0.5414, 0.4708
CMYK	0.00, 0.34, 0.24, 0.30
HSL	342°, 28%, 58%
HSV	342°, 34%, 70%
XYZ	29.0672, 23.9124, 25.9818
YIQ	137.2910, 30.5780, 18.5300

Conversions

Conversions Part 2

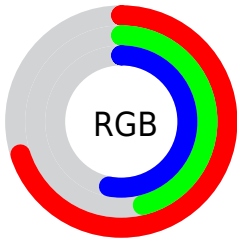
Format	Color
R_{YB}	178, 117, 135
Decimal	11695495
CIE _{Lab}	56.00, 26.52, 0.09
CIE _{LCh}	56, 26.522, 0.188
Yxy	23.9124, 0.3681, 0.3028
Android (android.graphics.Color)	4289885575 (0xFFB27587)
YUV	137.2910, -1.1295, 35.7018
Hunter-Lab	48.9003, 20.5278, 2.7281

Details

The CIELCh color **56, 26.522, 0.188** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 23.929, 172.910**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 26.436, 0.619**, and **36, 26.277, 1.122** is the 20% darker color. If you saturate the color by 10%, you get **52, 34.534, 1.831**, and if you desaturate by 10%, it is **61, 18.518, 358.822**.

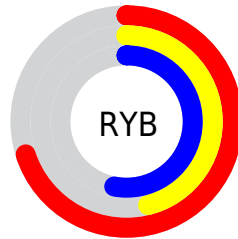
Distribution



Red (70%)

Green (46%)

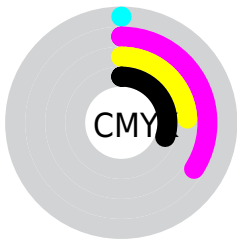
Blue (53%)



Red (70%)

Yellow (46%)

Blue (53%)

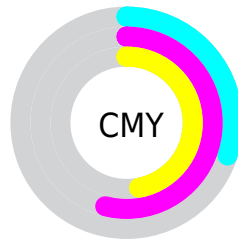


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (30%)



Cyan (30%)

Magenta (54%)


Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 26.522, 0.188 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, 26.522, 0.188 by changing the saturation by 10% instead.

 56, 26.522, 0.188  56, 26.522, 0.188

 100, 26.522, 0.188  46, 26.522, 0.188

 76, 26.522, 0.188  36, 26.522, 0.188

 86, 26.522, 0.188  26, 26.522, 0.188

 96, 26.522, 0.188  16, 26.522, 0.188

 6, 26.522, 0.188

 0, 26.522, 0.188

 56, 26.522, 0.188  56, 26.522, 0.188

 52, 34.534, 1.831  61, 18.518,
358.822

 48, 42.313, 3.842

44, 49.531, 6.355

65, 10.693,
357.650

41, 55.838, 9.530

70, 3.140, 356.554

39, 60.975, 13.527

75, 4.097, 175.926

38, 64.936, 18.427

81, 11.004,
175.082

37, 67.035, 21.386

86, 17.588,
174.370

91, 23.868,
173.733

95, 27.689,
176.122

95, 25.298,
189.403

Harmonies

Complementary

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



56, 26.522, 0.188



68, 23.929, 172.910

Rectangle

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



56, 26.522, 0.188



56, 26.522, 50.188



56, 26.522, 180.188



56, 26.522, 230.188

Sweetspot

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



56, 26.520, 0.191



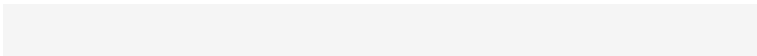
86, 9.218, 357.207



55, 38.090, 317.184



45, 6.358, 357.356



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



56, 26.520, 0.191



68, 39.630, 1.379



58, 22.170, 39.283



35, 4.210, 357.116



32, 59.738, 20.637



2, 9.684, 1.147

Inverse Universe

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



56, 26.520, 0.191



68, 39.630, 1.379



65, 17.464, 221.172



35, 4.210, 357.116



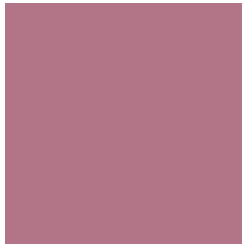
32, 59.738, 20.637



2, 9.684, 1.147

Previews

White Background



This preview shows how the CIELCh color 56, 26.522, 0.188 looks on a white background.

Color Contrast Check

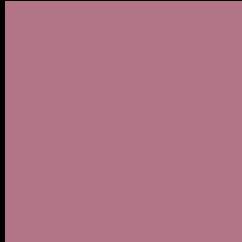
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.522, 0.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

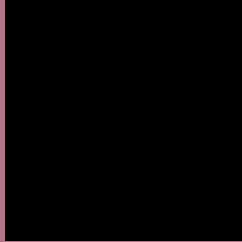
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 26.522, 0.188

Background



This preview shows how black text looks on a background with the CIELCh color 56, 26.522, 0.188.



This preview shows how white text looks on a background with the CIELCh color 56, 26.522, 0.188.

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, 26.522, 0.188

Protanopia

56, 6.298, 290.931

Deuteranopia

56, 7.428, 6.874



Tritanopia
56, 24.840, 10.634

Trichromacy



Original Color
56, 26.522, 0.188

Protanomaly
56, 11.430, 340.145

Deuteranomaly
56, 14.623, 0.605

Tritanomaly
56, 25.021, 6.777

Monochromacy



Original Color
56, 26.522, 0.188

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.438, 359.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 26.522, 0.188 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(178, 117, 135)` looks like.

```
.text, #text, p{  
    color:rgb(178, 117, 135)  
}
```

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(178, 117, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 117, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 26.522, 0.188 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(178, 117, 135) }
```

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

```
.border{ border-color:rgb(178, 117, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 117, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 117, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 117, 135);  
box-shadow:4px 4px 4px 4px rgb(178, 117,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 26.522, 0.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 117, 135) }
```

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

```
.background{ background-color: rgb(178,  
117, 135) }
```

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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