

Converting Colors

CIELCh(56, 26.300, 344.200)

Have a look what the booklet for
CIELCh(56, 26.300, 344.200)
contains.

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Color

CIELCh(56, 26.634, 344.478)

Conversions

Conversions Part 1

Format	Color
Hex	AC7693
RGB	172, 118, 147
RGB Percent	67%, 46%, 58%
CMY	0.3246, 0.5364, 0.4227
CMYK	0.00, 0.31, 0.15, 0.32
HSL	328°, 25%, 57%
HSV	328°, 31%, 68%
XYZ	28.8453, 23.9124, 30.7837
YIQ	137.4520, 22.8750, 20.4670

Conversions

Conversions Part 2

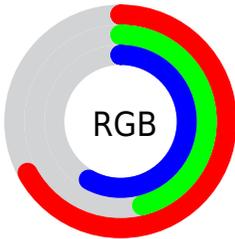
Format	Color
R_{YB}	172, 118, 147
Decimal	11302547
CIE _{Lab}	56.00, 25.66, -7.13
CIE _{LCh}	56, 26.634, 344.478
Yxy	23.9124, 0.3453, 0.2862
Android (android.graphics.Color)	4289492627 (0xFFAC7693)
YUV	137.4520, 4.7072, 30.2986
Hunter-Lab	48.9003, 19.7179, -3.0940

Details

The CIELCh color $56, 26.634, 344.478$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $66, 25.813, 158.892$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 26.443, 344.457$, and $36, 26.363, 345.340$ is the 20% darker color. If you saturate the color by 10%, you get $52, 35.034, 345.596$, and if you desaturate by 10%, it is $60, 18.063, 343.488$.

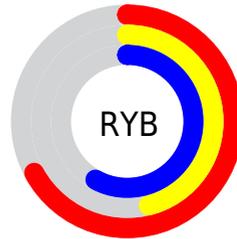
Distribution



Red (67%)

Green (46%)

Blue (58%)



Red (67%)

Yellow (46%)

Blue (58%)

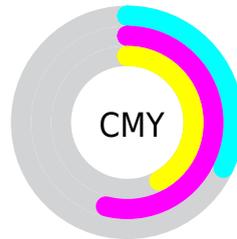


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (32%)



Cyan (32%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 26.634, 344.478 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, 26.634, 344.478 by changing the saturation by 10% instead.

 56, 26.634,
344.478

 56, 26.634,
344.478

 100, 26.634,
344.478

 46, 26.634,
344.478

 76, 26.634,
344.478

 36, 26.634,
344.478

 86, 26.634,
344.478

 26, 26.634,
344.478

 96, 26.634,
344.478

 16, 26.634,
344.478

 6, 26.634, 344.478

 0, 26.634, 344.478

56, 26.634,
344.478

56, 26.634,
344.478

52, 35.034,
345.596

60, 18.063,
343.488

48, 42.990,
346.882

65, 9.523, 342.586

45, 50.130,
348.401

70, 1.133, 341.508

75, 7.036, 161.132

42, 56.029,
350.243

79, 14.949,
160.426

39, 60.290,
352.527

84, 22.595,
159.788

38, 62.697,
355.399

89, 29.976,
159.200

37, 63.696,
358.316

94, 36.544,
158.953

 94, 33.849,
164.095

Harmonies

Complementary

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



56, 26.634, 344.478



66, 25.813, 158.892

Rectangle

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



56, 26.634, 344.478



56, 26.634, 34.478



56, 26.634, 164.478



56, 26.634, 214.478

Sweetspot

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



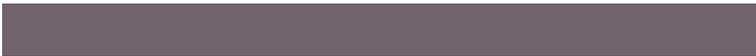
56, 26.632, 344.479



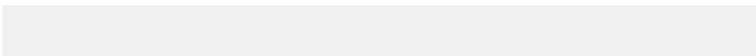
84, 9.333, 342.394



54, 32.466, 308.922



44, 6.487, 342.517



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



56, 26.632, 344.479



68, 39.978, 345.282



55, 22.720, 18.213



34, 4.761, 342.407



32, 57.750, 357.859



2, 9.340, 346.813

Inverse Universe

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



56, 26.632, 344.479



68, 39.978, 345.282



67, 18.755, 193.251



34, 4.761, 342.407



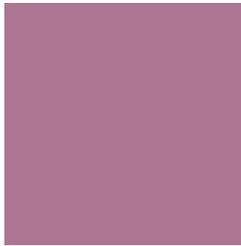
32, 57.750, 357.859



2, 9.340, 346.813

Previews

White Background



This preview shows how the CIELCh color 56, 26.634, 344.478 looks on a white background.

Color Contrast Check

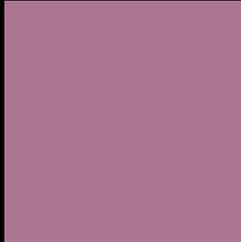
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.634, 344.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

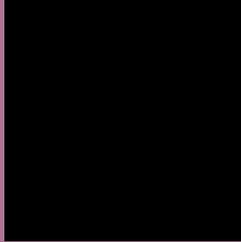
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 26.634, 344.478

Background



This preview shows how black text looks on a background with the CIELCh color 56, 26.634, 344.478.



This preview shows how white text looks on a background with the CIELCh color 56, 26.634, 344.478.

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, 26.634, 344.478

Protanopia

56, 13.769, 287.261

Deuteranopia

56, 9.304, 320.908



Tritanopia
56, 20.659, 7.595

Trichromacy



Original Color
56, 26.634, 344.478

Protanomaly
56, 15.781, 315.761

Deuteranomaly
56, 15.816, 334.920

Tritanomaly
56, 22.371, 358.226

Monochromacy



Original Color
56, 26.634, 344.478

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.428, 343.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 26.634, 344.478 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(172, 118, 147)` looks like.

```
.text, #text, p{  
    color:rgb(172, 118, 147)  
}
```

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(172, 118, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 118, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 26.634, 344.478 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(172, 118, 147) }
```

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

```
.border{ border-color:rgb(172, 118, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 118, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 118, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 118, 147);  
box-shadow:4px 4px 4px 4px rgb(172, 118,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 26.634, 344.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 118, 147) }
```

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

```
.background{ background-color: rgb(172,  
118, 147) }
```

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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