

Converting Colors

CIELCh(56, 21.738, 343.183)

Have a look what the booklet for
CIELCh(56, 21.738, 343.183)
contains.

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Color

CIELCh(56, 21.630, 342.811)

Conversions

Conversions Part 1

Format	Color
Hex	A57A92
RGB	165, 122, 146
RGB Percent	65%, 48%, 57%
CMY	0.3538, 0.5224, 0.4283
CMYK	0.00, 0.26, 0.12, 0.35
HSL	327°, 19%, 56%
HSV	327°, 26%, 65%
XYZ	27.5770, 23.9124, 30.2693
YIQ	137.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

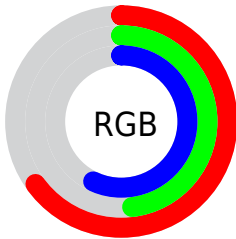
Format	Color
R_{YB}	165, 122, 146
Decimal	10844818
CIE _{Lab}	56.00, 20.66, -6.39
CIE _{LCh}	56, 21.630, 342.811
Yxy	23.9124, 0.3373, 0.2925
Android (android.graphics.Color)	4289034898 (0xFFFA57A92)
YUV	137.5930, 4.1447, 24.0359
Hunter-Lab	48.9003, 15.0882, -2.4703

Details

The CIELCh color $56, 21.630, 342.811$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $64, 21.125, 158.421$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 21.649, 343.125$, and $36, 21.497, 341.906$ is the 20% darker color. If you saturate the color by 10%, you get $52, 29.941, 343.818$, and if you desaturate by 10%, it is $60, 13.253, 341.904$.

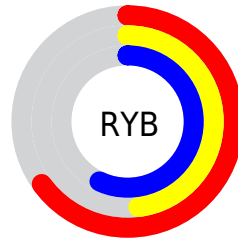
Distribution



Red (65%)

Green (48%)

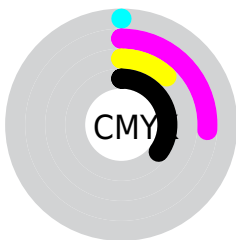
Blue (57%)



Red (65%)

Yellow (48%)

Blue (57%)

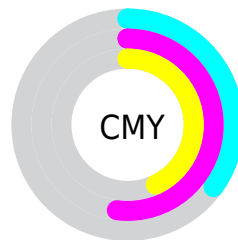


Cyan (0%)

Magenta (26%)

Yellow (12%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 21.630, 342.811 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, 21.630, 342.811 by changing the saturation by 10% instead.


 56, 21.630,
342.811


 56, 21.630,
342.811


 100, 21.630,
342.811


 46, 21.630,
342.811


 76, 21.630,
342.811

 36, 21.630,
342.811

 86, 21.630,
342.811

 26, 21.630,
342.811

 96, 21.630,
342.811

 16, 21.630,
342.811

 6, 21.630, 342.811

 0, 21.630, 342.811

56, 21.630,
342.811

56, 21.630,
342.811

52, 29.941,
343.818

60, 13.253,
341.904

48, 37.965,
344.955

65, 4.966, 341.044

69, 3.142, 160.468

44, 45.386,
346.270

74, 11.019,
159.701

41, 51.816,
347.830

79, 18.644,
159.047

39, 56.842,
349.729

84, 26.013,
158.446

37, 60.135,
352.091


88, 33.131,
157.887

36, 61.653,
355.033

93, 40.011,
157.366

35, 62.089,

356.257

 94, 38.228,
161.040

Harmonies

Complementary

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



56, 21.630, 342.811



64, 21.125, 158.421

Rectangle

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



56, 21.630, 342.811



56, 21.630, 32.811



56, 21.630, 162.811



56, 21.630, 212.811

Sweetspot

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



56, 21.628, 342.812



81, 8.098, 341.224



54, 25.802, 308.050



42, 5.753, 341.347



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



56, 21.628, 342.812



69, 31.858, 343.350



55, 17.900, 16.242



32, 4.594, 341.319



31, 56.720, 355.848



1, 6.825, 343.347

Inverse Universe

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



56, 21.628, 342.812



69, 31.858, 343.350



65, 15.403, 192.108



32, 4.594, 341.319



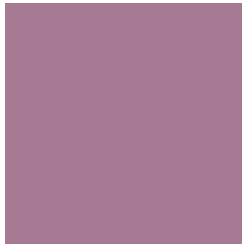
31, 56.720, 355.848



1, 6.825, 343.347

Previews

White Background



This preview shows how the CIELCh color 56, 21.630, 342.811 looks on a white background.

Color Contrast Check

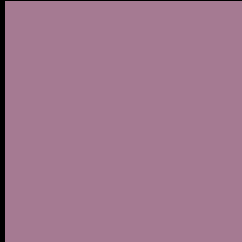
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.630, 342.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

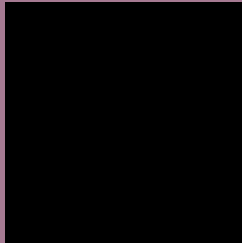
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 21.630, 342.811

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.630, 342.811.



This preview shows how white text looks on a background with the CIELCh color 56, 21.630, 342.811.

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, 21.630, 342.811

Protanopia

56, 11.469, 287.850

Deuteranopia

56, 8.817, 322.774



Tritanopia
56, 16.588, 3.404

Trichromacy



Original Color
56, 21.630, 342.811

Protanomaly
56, 13.230, 315.231

Deuteranomaly
56, 13.249, 333.719

Tritanomaly
56, 18.440, 354.059

Monochromacy



Original Color
56, 21.630, 342.811

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 8.153, 341.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.630, 342.811 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(165, 122, 146)` looks like.

```
.text, #text, p{  
    color:rgb(165, 122, 146)  
}
```

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(165, 122, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 122, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.630, 342.811 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(165, 122, 146) }
```

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

```
.border{ border-color:rgb(165, 122, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 122, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 122, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 122, 146); box-shadow:4px 4px 4px 4px rgb(165, 122, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.630, 342.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 122, 146) }
```

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

```
.background{ background-color: rgb(165,  
122, 146) }
```

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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