

Converting Colors

CIELCh(56, 22.000, 357.732)

Have a look what the booklet for
CIELCh(56, 22.000, 357.732)
contains.

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Color

CIELCh(56, 22.000, 357.732)

Conversions

Conversions Part 1

Format	Color
Hex	AA7888
RGB	170, 120, 136
RGB Percent	67%, 47%, 53%
CMY	0.3316, 0.5278, 0.4651
CMYK	0.00, 0.29, 0.20, 0.33
HSL	341°, 23%, 57%
HSV	341°, 29%, 67%
XYZ	27.9079, 23.9124, 26.5882
YIQ	136.7740, 24.6640, 15.5760

Conversions

Conversions Part 2

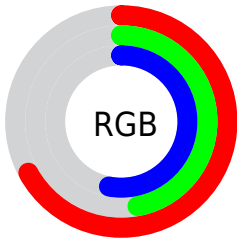
Format	Color
R_{YB}	170, 120, 136
Decimal	11171976
CIE Lab	56.00, 21.98, -0.87
CIE LCh	56, 22.000, 357.732
Yxy	23.9124, 0.3559, 0.3050
Android (android.graphics.Color)	4289362056 (0xFFAA7888)
YUV	136.7740, -0.3816, 29.1392
Hunter-Lab	48.9003, 16.2962, 1.9929

Details

The CIELCh color $56, 22.000, 357.732$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $66, 20.323, 171.757$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 21.772, 358.285$, and $36, 21.900, 358.541$ is the 20% darker color. If you saturate the color by 10%, you get $52, 29.780, 359.193$, and if you desaturate by 10%, it is $61, 14.289, 356.497$.

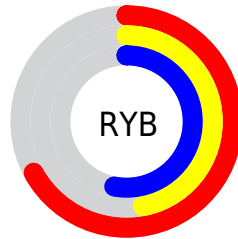
Distribution



Red (67%)

Green (47%)

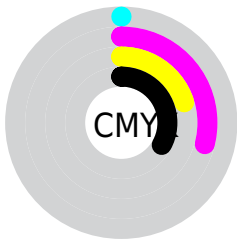
Blue (53%)



Red (67%)

Yellow (47%)

Blue (53%)

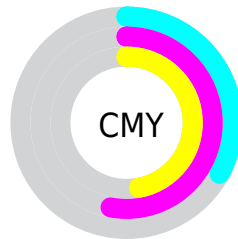


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (33%)



Cyan (33%)


Magenta (53%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 22.000, 357.732 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, 22.000, 357.732 by changing the saturation by 10% instead.


 56, 22.000,
357.732


 56, 22.000,
357.732


 100, 22.000,
357.732


 46, 22.000,
357.732


 76, 22.000,
357.732

 36, 22.000,
357.732

 86, 22.000,
357.732

 26, 22.000,
357.732

 96, 22.000,
357.732

 16, 22.000,
357.732

 6, 22.000, 357.732

 0, 22.000, 357.732

56, 22.000,
357.732

56, 22.000,
357.732

52, 29.780,
359.193

61, 14.289,
356.497

48, 37.432, 0.951

65, 6.781, 355.408

44, 44.665, 3.120

70, 0.455, 175.463

41, 51.137, 5.840

75, 7.389, 173.781

38, 56.523, 9.279

80, 14.015,
173.019

37, 60.663, 13.585

85, 20.345,
172.345

36, 63.923, 18.608

36, 64.147, 18.925

90, 26.396,
171.735

94, 31.281,
172.199

 95, 28.563,
182.646

Harmonies

Complementary

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



56, 22.000, 357.732



66, 20.323, 171.757

Rectangle

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



56, 22.000, 357.732



56, 22.000, 47.732



56, 22.000, 177.732



56, 22.000, 227.732

Sweetspot

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



56, 21.998, 357.735



83, 8.083, 355.387



55, 31.206, 315.908



44, 5.678, 355.537



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, 21.998, 357.735



68, 32.729, 358.619



58, 18.339, 35.910



33, 4.061, 355.400



31, 57.618, 18.205



2, 7.112, 357.692

Inverse Universe

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



56, 21.998, 357.735



68, 32.729, 358.619



64, 14.972, 216.475



33, 4.061, 355.400



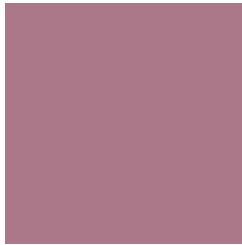
31, 57.618, 18.205



2, 7.112, 357.692

Previews

White Background



This preview shows how the CIELCh color 56, 22.000, 357.732 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, 22.000, 357.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

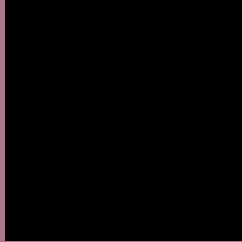
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 22.000, 357.732

Background



This preview shows how black text looks on a background with the CIELCh color 56, 22.000, 357.732.



This preview shows how white text looks on a background with the CIELCh color 56, 22.000, 357.732.

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, 22.000, 357.732

Protanopia

56, 5.726, 290.865

Deuteranopia

56, 7.366, 357.402



Tritanopia
56, 20.747, 6.055

Trichromacy



Original Color
56, 22.000, 357.732

Protanomaly
56, 9.879, 336.484

Deuteranomaly
56, 12.694, 357.050

Tritanomaly
56, 20.971, 3.022

Monochromacy



Original Color
56, 22.000, 357.732

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 7.943, 354.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 22.000, 357.732 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(170, 120, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 120, 136)  
}
```

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(170, 120, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 120, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 22.000, 357.732 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(170, 120, 136) }
```

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

```
.border{ border-color:rgb(170, 120, 136) }
```

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

Here you see how a box with a 4 pixel rgb(170, 120, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 120, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 120, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 120,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 22.000, 357.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 120, 136) }
```

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

```
.background{ background-color: rgb(170,  
120, 136) }
```

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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