

Converting Colors

CIELCh(56, 22.945, 304.452)

Have a look what the booklet for
CIELCh(56, 22.945, 304.452)
contains.

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Color

CIELCh(56, 22.945, 304.452)

Conversions

Conversions Part 1

Format	Color
Hex	8D80A7
RGB	141, 128, 167
RGB Percent	55%, 50%, 65%
CMY	0.4468, 0.4978, 0.3449
CMYK	0.16, 0.23, 0.00, 0.34
HSL	260°, 18%, 58%
HSV	260°, 23%, 66%
XYZ	25.7008, 23.9124, 39.8483
YIQ	136.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

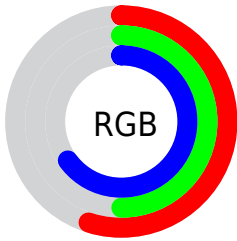
Format	Color
R_{YB}	141, 128, 167
Decimal	9273511
CIE _{Lab}	56.00, 12.98, -18.92
CIE _{LCh}	56, 22.945, 304.452
Y _{xy}	23.9124, 0.2873, 0.2673
Android (android.graphics.Color)	4287463591 (0xFF8D80A7)
YUV	136.3330, 15.1188, 4.0930
Hunter-Lab	48.9003, 8.2397, -14.0845

Details

The CIELCh color $56, 22.945, 304.452$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $67, 21.982, 121.787$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 22.728, 304.434$, and $36, 22.854, 304.009$ is the 20% darker color. If you saturate the color by 10%, you get $51, 33.302, 305.175$, and if you desaturate by 10%, it is $61, 12.899, 303.799$.

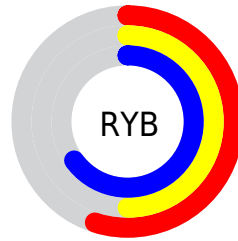
Distribution



Red (55%)

Green (50%)

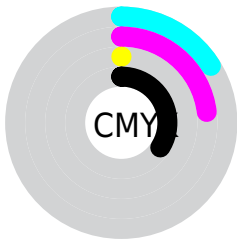
Blue (65%)



Red (55%)

Yellow (50%)

Blue (65%)

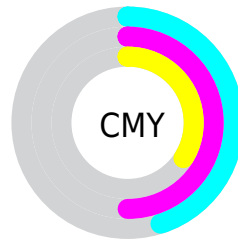


Cyan (16%)

Magenta (23%)

Yellow (0%)

Black (34%)



Cyan (45%)


Magenta (50%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 22.945, 304.452 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, 22.945, 304.452 by changing the saturation by 10% instead.


 56, 22.945,
304.452


 56, 22.945,
304.452


 100, 22.945,
304.452


 46, 22.945,
304.452


 76, 22.945,
304.452

 36, 22.945,
304.452

 86, 22.945,
304.452

 26, 22.945,
304.452

 96, 22.945,
304.452

 16, 22.945,
304.452

 6, 22.945, 304.452

 0, 22.945, 304.452

56, 22.945,
304.452

56, 22.945,
304.452

51, 33.302,
305.175

61, 12.899,
303.799

45, 43.918,
305.962

67, 3.185, 303.209

72, 6.200, 122.727

40, 54.667,
306.786

77, 15.267,
122.280

35, 65.296,
307.599

83, 24.032,
121.895

31, 75.347,
308.315

88, 32.510,
121.563

27, 84.091,
308.803


93, 40.718,
121.277

24, 90.592,
308.901

96, 45.089,
119.066

22, 93.967,

308.858

 97, 44.316,
113.714

Harmonies

Complementary

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



56, 22.945, 304.452



67, 21.982, 121.787

Rectangle

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



56, 22.945, 304.452



56, 22.945, 354.452



56, 22.945, 124.452



56, 22.945, 174.452

Sweetspot

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



56, 22.943, 304.451



82, 8.278, 303.427



62, 11.551, 238.125



43, 5.427, 303.460



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 22.943, 304.451



68, 34.300, 304.816



58, 25.300, 320.838



33, 5.466, 303.554



19, 85.820, 308.957



1, 9.768, 301.306

Inverse Universe

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



58, 21.036, 337.346



71, 31.208, 337.763



65, 25.080, 138.597



33, 5.088, 336.273



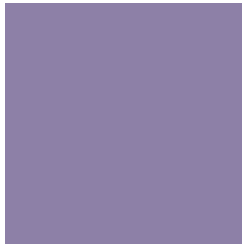
32, 60.464, 346.968



2, 8.716, 339.113

Previews

White Background



This preview shows how the CIELCh color 56, 22.945, 304.452 looks on a white background.

Color Contrast Check

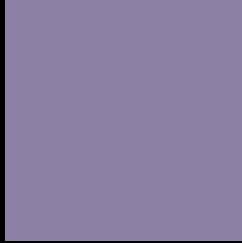
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.945, 304.452 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, 22.945, 304.452

Background



This preview shows how black text looks on a background with the CIELCh color 56, 22.945, 304.452.



This preview shows how white text looks on a background with the CIELCh color 56, 22.945, 304.452.

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, 22.945, 304.452

Protanopia

56, 21.284, 285.217

Deuteranopia

56, 19.476, 291.417



Tritanopia
56, 6.622, 307.800

Trichromacy



Original Color
56, 22.945, 304.452

Protanomaly
56, 21.789, 292.722

Deuteranomaly
56, 20.143, 296.565

Tritanomaly
56, 12.370, 303.821

Monochromacy



Original Color
56, 22.945, 304.452

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 8.268, 304.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 22.945, 304.452 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(141, 128, 167)` looks like.

```
.text, #text, p{  
    color:rgb(141, 128, 167)  
}
```

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(141, 128, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 128, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 22.945, 304.452 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(141, 128, 167) }
```

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

```
.border{ border-color:rgb(141, 128, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 128, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 128, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 128, 167);  
box-shadow:4px 4px 4px 4px rgb(141, 128,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 22.945, 304.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 128, 167) }
```

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

```
.background{ background-color: rgb(141,  
128, 167) }
```

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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