

Converting Colors

CIELCh(55, 23.065, 347.223)

Have a look what the booklet for
CIELCh(55, 23.065, 347.223)
contains.

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Color

CIELCh(55, 22.992, 347.469)

Conversions

Conversions Part 1

Format	Color
Hex	A6768D
RGB	166, 118, 141
RGB Percent	65%, 46%, 55%
CMY	0.3496, 0.5378, 0.4477
CMYK	0.00, 0.29, 0.15, 0.35
HSL	331°, 21%, 56%
HSV	331°, 29%, 65%
XYZ	26.9495, 22.9298, 28.1451
YIQ	134.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

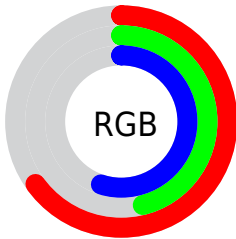
Format	Color
R _Y B	166, 118, 141
Decimal	10909325
CIE Lab	55.00, 22.44, -4.99
CIE LCh	55, 22.992, 347.469
Yxy	22.9298, 0.3454, 0.2939
Android (android.graphics.Color)	4289099405 (0xFFA6768D)
YUV	134.9740, 2.9708, 27.2098
Hunter-Lab	47.8851, 16.6599, -1.3288

Details

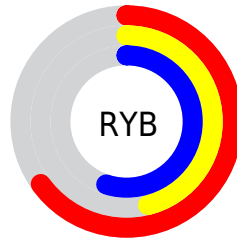
The CIELCh color $55, 22.992, 347.469$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $64, 22.111, 162.140$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 22.940, 347.380$, and $35, 22.906, 347.250$ is the 20% darker color. If you saturate the color by 10%, you get $51, 30.982, 348.654$, and if you desaturate by 10%, it is $59, 14.932, 346.430$.

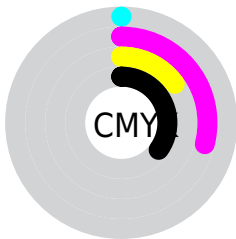
Distribution



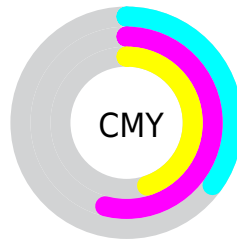
- Red (65%)
- Green (46%)
- Blue (55%)



- Red (65%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (35%)




- Cyan (35%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 22.992, 347.469 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 55, 22.992, 347.469 by changing the saturation by 10% instead.


 55, 22.992,
347.469

 55, 22.992,
347.469


 100, 22.992,
347.469


 45, 22.992,
347.469


 75, 22.992,
347.469

 35, 22.992,
347.469

 85, 22.992,
347.469

 25, 22.992,
347.469

 95, 22.992,
347.469

 15, 22.992,
347.469

 5, 22.992, 347.469

 0, 22.992, 347.469

55, 22.992,
347.469

55, 22.992,
347.469

51, 30.982,
348.654

59, 14.932,
346.430

47, 38.674,
350.030

64, 6.966, 345.483

43, 45.741,
351.671

69, 0.812, 165.149

73, 8.352, 163.995

40, 51.795,
353.676

78, 15.631,
163.284

38, 56.451,
356.179

83, 22.647,
162.641


36, 59.461,
359.339

88, 29.407,
162.049

35, 61.101, 3.178

92, 35.925,
161.500

35, 61.277, 3.592

 94, 35.570,
165.363

Harmonies

Complementary

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



55, 22.992, 347.469



64, 22.111, 162.140

Rectangle

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



55, 22.992, 347.469



55, 22.992, 37.469



55, 22.992, 167.469



55, 22.992, 217.469

Sweetspot

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



55, 22.990, 347.471



81, 8.728, 345.504



53, 29.253, 310.997



43, 6.124, 345.635



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



55, 22.990, 347.471



67, 34.641, 348.247



55, 19.966, 22.957



33, 4.467, 345.516



31, 56.367, 3.128



2, 7.709, 348.654

Inverse Universe

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



55, 22.990, 347.471



67, 34.641, 348.247



65, 16.427, 199.586



33, 4.467, 345.516



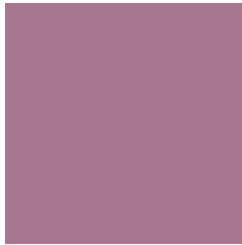
31, 56.367, 3.128



2, 7.709, 348.654

Previews

White Background



This preview shows how the CIELCh color 55, 22.992, 347.469 looks on a white background.

Color Contrast Check

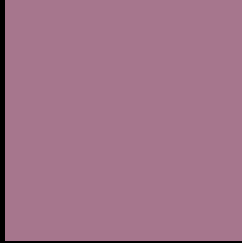
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 22.992, 347.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

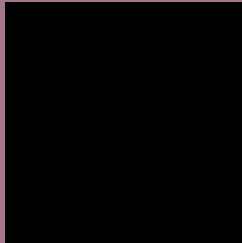
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 22.992, 347.469

Background



This preview shows how black text looks on a background with the CIELCh color 55, 22.992, 347.469.



This preview shows how white text looks on a background with the CIELCh color 55, 22.992, 347.469.

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


55, 22.992, 347.469

Protanopia

55, 10.356, 287.303

Deuteranopia

55, 8.402, 331.605



Tritanopia
55, 18.674, 5.738

Trichromacy



Original Color
55, 22.992, 347.469

Protanomaly
55, 13.102, 319.388

Deuteranomaly
55, 14.061, 340.331

Tritanomaly
55, 20.179, 358.613

Monochromacy



Original Color
55, 22.992, 347.469

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 8.162, 346.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 22.992, 347.469 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(166, 118, 141)` looks like.

```
.text, #text, p{  
    color:rgb(166, 118, 141)  
}
```

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(166, 118, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 118, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 22.992, 347.469 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(166, 118, 141) }
```

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

```
.border{ border-color:rgb(166, 118, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 118, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 118, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 118, 141);  
box-shadow:4px 4px 4px 4px rgb(166, 118,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 22.992, 347.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 118, 141) }
```

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

```
.background{ background-color: rgb(166,  
118, 141) }
```

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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