

Converting Colors

CIELCh(55, 35.820, 309.034)

Have a look what the booklet for
CIELCh(55, 35.820, 309.034)
contains.

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Color

CIELCh(55, 35.864, 309.045)

Conversions

Conversions Part 1

Format	Color
Hex	9378B4
RGB	147, 120, 180
RGB Percent	58%, 47%, 71%
CMY	0.4235, 0.5294, 0.2941
CMYK	0.18, 0.33, 0.00, 0.29
HSL	267°, 29%, 59%
HSV	267°, 33%, 71%
XYZ	26.9858, 22.9298, 46.1813
YIQ	134.9130, -3.1680, 24.3840

Conversions

Conversions Part 2

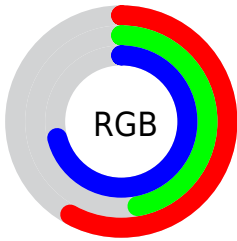
Format	Color
R_{YB}	147, 120, 180
Decimal	9664692
CIE Lab	55.00, 22.59, -27.85
CIE LCh	55, 35.864, 309.045
Yxy	22.9298, 0.2808, 0.2386
Android (android.graphics.Color)	4287854772 (0xFF9378B4)
YUV	134.9130, 22.2279, 10.6003
Hunter-Lab	47.8851, 16.7953, -23.6608

Details

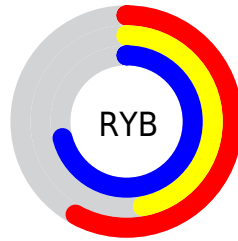
The CIELCh color $55, 35.864, 309.045$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $70, 34.044, 125.712$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 35.568, 309.032$, and $35, 35.969, 308.935$ is the 20% darker color. If you saturate the color by 10%, you get $50, 47.120, 309.645$, and if you desaturate by 10%, it is $60, 24.775, 308.469$.

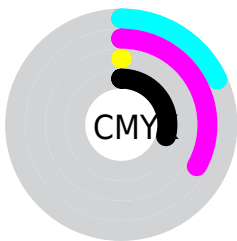
Distribution



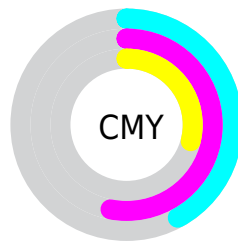
- Red (58%)
- Green (47%)
- Blue (71%)



- Red (58%)
- Yellow (47%)
- Blue (71%)



- Cyan (18%)
- Magenta (33%)
- Yellow (0%)
- Black (29%)





- Cyan (42%)
- Magenta (53%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 35.864, 309.045 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, 35.864, 309.045 by changing the saturation by 10% instead.


 55, 35.864,
309.045


 55, 35.864,
309.045


 100, 35.864,
309.045


 45, 35.864,
309.045


 75, 35.864,
309.045

 35, 35.864,
309.045

 85, 35.864,
309.045

 25, 35.864,
309.045

 95, 35.864,
309.045

 15, 35.864,
309.045

 5, 35.864, 309.045

 0, 35.864, 309.045

55, 35.864,
309.045

55, 35.864,
309.045

50, 47.120,
309.645

60, 24.775,
308.469

44, 58.369,
310.241

66, 13.953,
307.932

40, 69.291,
310.779

71, 3.440, 307.427

77, 6.748, 127.034

35, 79.377,
311.181

82, 16.612,
126.641

31, 87.900,
311.336


88, 26.162,
126.301

28, 94.043,
311.119

93, 35.411,
126.005

27, 97.084,
310.842

96, 39.341,
123.386

 97, 38.406,
118.124

Harmonies

Complementary

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



55, 35.864, 309.045



70, 34.044, 125.712

Rectangle

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



55, 35.864, 309.045



55, 35.864, 359.045



55, 35.864, 129.045



55, 35.864, 179.045

Sweetspot

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



55, 35.862, 309.045



86, 12.920, 307.771



62, 18.369, 254.916



45, 8.825, 307.841



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



55, 35.862, 309.045



66, 53.814, 309.485



58, 39.533, 324.770



35, 5.852, 307.728



22, 85.992, 310.984



1, 13.737, 303.639

Inverse Universe

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



57, 29.583, 343.990



70, 43.916, 344.803



68, 39.431, 140.911



35, 4.921, 341.741



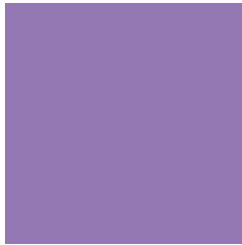
33, 58.688, 356.746



2, 10.930, 347.067

Previews

White Background



This preview shows how the CIELCh color 55, 35.864, 309.045 looks on a white background.

Color Contrast Check

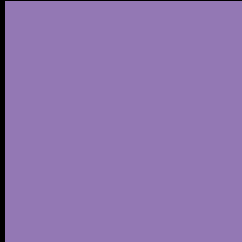
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 35.864, 309.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

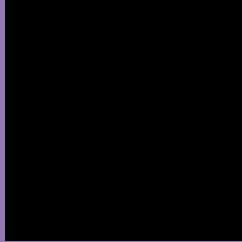
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 35.864, 309.045

Background



This preview shows how black text looks on a background with the CIELCh color 55, 35.864, 309.045.



This preview shows how white text looks on a background with the CIELCh color 55, 35.864, 309.045.

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, 35.864, 309.045

Protanopia

55, 33.466, 285.443

Deuteranopia

55, 27.683, 285.900



Tritanopia
55, 7.462, 329.861

Trichromacy



Original Color
55, 35.864, 309.045

Protanomaly
55, 33.943, 294.124

Deuteranomaly
55, 30.551, 295.621

Tritanomaly
55, 17.556, 314.648

Monochromacy



Original Color
55, 35.864, 309.045

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 12.571, 307.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 35.864, 309.045 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(147, 120, 180)` looks like.

```
.text, #text, p{  
    color:rgb(147, 120, 180)  
}
```

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(147, 120, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 35.864, 309.045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

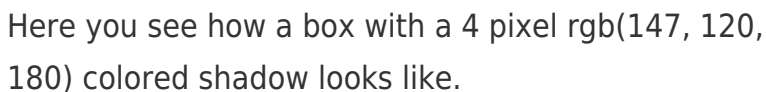
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 120, 180) }
```

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

```
.border{ border-color:rgb(147, 120, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 120, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 120, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 120, 180); box-shadow:4px 4px 4px 4px rgb(147, 120, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 35.864, 309.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 180) }
```

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

```
.background{ background-color: rgb(147,  
120, 180) }
```

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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