

Converting Colors

CIELCh(55, 25.317, 294.652)

Have a look what the booklet for
CIELCh(55, 25.317, 294.652)
contains.

CIELCh(55, 25.363, 294.720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 25.363, 294.720)

Conversions

Conversions Part 1

Format	Color
Hex	817FAB
RGB	129, 127, 171
RGB Percent	51%, 50%, 67%
CMY	0.4926, 0.5005, 0.3278
CMYK	0.25, 0.26, 0.00, 0.33
HSL	243°, 21%, 59%
HSV	243°, 26%, 67%
XYZ	24.1396, 22.9298, 41.8827
YIQ	132.6140, -12.9320, 14.1080

Conversions

Conversions Part 2

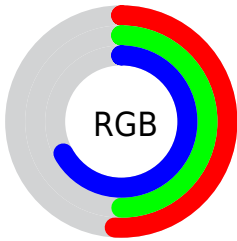
Format	Color
R_{YB}	129, 127, 171
Decimal	8486827
CIE _{Lab}	55.00, 10.61, -23.04
CIE _{LCh}	55, 25.363, 294.720
Yxy	22.9298, 0.2714, 0.2578
Android (android.graphics.Color)	4286676907 (0xFF817FAB)
YUV	132.6140, 18.9243, -3.1695
Hunter-Lab	47.8851, 6.1854, -18.3384

Details

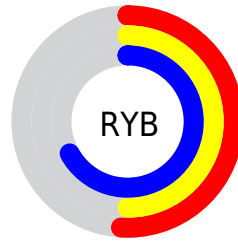
The CIELCh color `55, 25.363, 294.720` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `69, 23.889, 109.706`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `75, 24.929, 294.795`, and `35, 25.641, 295.098` is the 20% darker color. If you saturate the color by 10%, you get `49, 35.976, 296.120`, and if you desaturate by 10%, it is `61, 15.176, 293.518`.

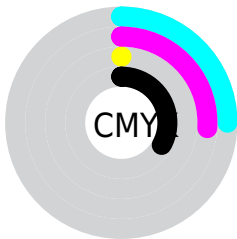
Distribution



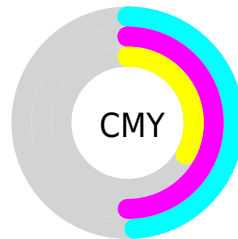
- Red (51%)
- Green (50%)
- Blue (67%)



- Red (51%)
- Yellow (50%)
- Blue (67%)



- Cyan (25%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)





- Cyan (49%)
- Magenta (50%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 25.363, 294.720 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, 25.363, 294.720 by changing the saturation by 10% instead.


 55, 25.363,
294.720


 55, 25.363,
294.720


 100, 25.363,
294.720


 45, 25.363,
294.720


 75, 25.363,
294.720

 35, 25.363,
294.720

 85, 25.363,
294.720

 25, 25.363,
294.720

 95, 25.363,
294.720

 15, 25.363,
294.720

 5, 25.363, 294.720

 0, 25.363, 294.720

55, 25.363,
294.720

55, 25.363,
294.720

49, 35.976,
296.120

61, 15.176,
293.518

43, 47.017,
297.730

67, 5.396, 292.496

73, 4.006, 111.602

38, 58.415,
299.536

78, 13.056,
110.861

32, 69.935,
301.469

84, 21.781,
110.222

27, 80.995,
303.374

90, 30.203,
109.673

23, 90.472,
304.990

96, 38.342,
109.200

21, 96.900,
306.030

98, 41.851,
106.982

20, 99.121,

Harmonies

Complementary

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



55, 25.363, 294.720



69, 23.889, 109.706

Rectangle

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



55, 25.363, 294.720



55, 25.363, 344.720



55, 25.363, 114.720



55, 25.363, 164.720

Sweetspot

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



55, 25.362, 294.719



83, 9.411, 292.731



67, 14.899, 201.330



43, 6.760, 292.877



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



55, 25.362, 294.719



66, 38.222, 295.515



57, 26.653, 311.390



34, 5.462, 292.846



17, 90.018, 306.460



1, 11.355, 291.642

Inverse Universe

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



59, 28.837, 327.094



72, 42.854, 327.415



67, 25.808, 129.078



34, 6.389, 326.174



35, 75.267, 330.101



2, 13.239, 326.280

Previews

White Background



This preview shows how the CIELCh color 55, 25.363, 294.720 looks on a white background.

Color Contrast Check

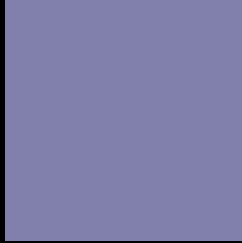
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.363, 294.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

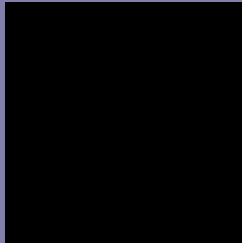
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 25.363, 294.720

Background



This preview shows how black text looks on a background with the CIELCh color 55, 25.363, 294.720.



This preview shows how white text looks on a background with the CIELCh color 55, 25.363, 294.720.

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

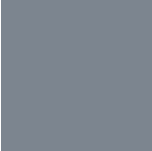
55, 25.363, 294.720

Protanopia

55, 24.830, 285.320

Deuteranopia

55, 24.183, 288.192



Tritanopia
55, 6.596, 260.010

Trichromacy



Original Color
55, 25.363, 294.720

Protanomaly
55, 24.752, 288.384

Deuteranomaly
55, 24.744, 290.733

Tritanomaly
55, 12.732, 283.454

Monochromacy



Original Color
55, 25.363, 294.720

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 9.207, 293.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 25.363, 294.720 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(129, 127, 171)` looks like.

```
.text, #text, p{  
    color:rgb(129, 127, 171)  
}
```

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(129, 127, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 127, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 25.363, 294.720 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(129, 127, 171) }
```

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

```
.border{ border-color:rgb(129, 127, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 127, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 127, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 127, 171);  
box-shadow:4px 4px 4px 4px rgb(129, 127,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 25.363, 294.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 127, 171) }
```

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

```
.background{ background-color: rgb(129,  
127, 171) }
```

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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