

Converting Colors

CIELCh(55, 24.038, 297.327)

Have a look what the booklet for
CIELCh(55, 24.038, 297.327)
contains.

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Color

CIELCh(55, 24.281, 297.140)

Conversions

Conversions Part 1

Format	Color
Hex	847FA9
RGB	132, 127, 169
RGB Percent	52%, 50%, 66%
CMY	0.4825, 0.5021, 0.3375
CMYK	0.22, 0.25, 0.00, 0.34
HSL	247°, 20%, 58%
HSV	247°, 25%, 66%
XYZ	24.2472, 22.9298, 40.6584
YIQ	133.2830, -10.5020, 14.1220

Conversions

Conversions Part 2

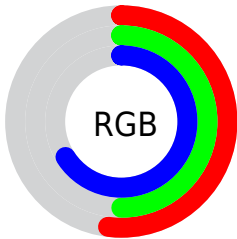
Format	Color
R_{YB}	132, 127, 169
Decimal	8683433
CIE _{Lab}	55.00, 11.08, -21.61
CIE _{LCh}	55, 24.281, 297.140
Yxy	22.9298, 0.2761, 0.2611
Android (android.graphics.Color)	4286873513 (0xFF847FA9)
YUV	133.2830, 17.6085, -1.1252
Hunter-Lab	47.8851, 6.5865, -16.8225

Details

The CIELCh color $55, 24.281, 297.140$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $68, 22.951, 112.920$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 23.927, 297.244$, and $35, 24.448, 297.458$ is the 20% darker color. If you saturate the color by 10%, you get $49, 34.733, 298.320$, and if you desaturate by 10%, it is $61, 14.229, 296.116$.

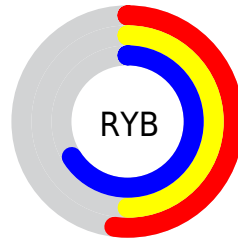
Distribution



Red (52%)

Green (50%)

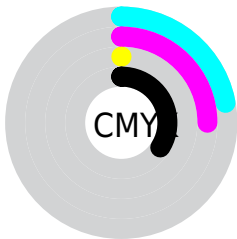
Blue (66%)



Red (52%)

Yellow (50%)

Blue (66%)

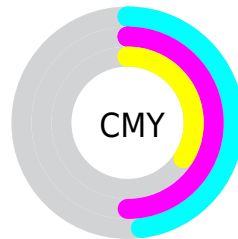


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (34%)



Cyan (48%)


Magenta (50%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 24.281, 297.140 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, 24.281, 297.140 by changing the saturation by 10% instead.


 55, 24.281,
297.140


 55, 24.281,
297.140


 100, 24.281,
297.140


 45, 24.281,
297.140


 75, 24.281,
297.140

 35, 24.281,
297.140

 85, 24.281,
297.140

 25, 24.281,
297.140

 95, 24.281,
297.140

 15, 24.281,
297.140

 5, 24.281, 297.140

 0, 24.281, 297.140

55, 24.281,
297.140

55, 24.281,
297.140

49, 34.733,
298.320

61, 14.229,
296.116

44, 45.577,
299.665

66, 4.567, 295.236

38, 56.733,
301.156

72, 4.727, 114.472

33, 67.975,
302.737

78, 13.679,
113.826

28, 78.787,
304.284

83, 22.312,
113.269

24, 88.197,
305.586

89, 30.646,
112.790

21, 94.866,
306.384

94, 38.704,
112.377

20, 97.594,

98, 43.077,
108.951

306.739

 98, 43.044,
106.890

Harmonies

Complementary

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



55, 24.281, 297.140



68, 22.951, 112.920

Rectangle

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



55, 24.281, 297.140



55, 24.281, 347.140



55, 24.281, 117.140



55, 24.281, 167.140

Sweetspot

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



55, 24.280, 297.139



83, 8.170, 295.424



65, 13.252, 210.284



43, 5.306, 295.471



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, 24.280, 297.139



66, 36.644, 297.790



57, 25.881, 314.094



33, 5.346, 295.608



17, 88.432, 306.792



1, 9.591, 294.202

Inverse Universe

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



58, 26.236, 329.295



71, 39.102, 329.634



66, 25.252, 131.941



33, 5.924, 328.363



34, 70.248, 333.512



2, 10.437, 329.200

Previews

White Background



This preview shows how the CIELCh color 55, 24.281, 297.140 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, 24.281, 297.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

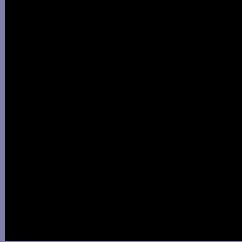
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 24.281, 297.140

Background



This preview shows how black text looks on a background with the CIELCh color 55, 24.281, 297.140.



This preview shows how white text looks on a background with the CIELCh color 55, 24.281, 297.140.

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, 24.281, 297.140

Protanopia

55, 23.666, 285.554

Deuteranopia

55, 22.438, 289.305



Tritanopia
55, 6.013, 272.502

Trichromacy



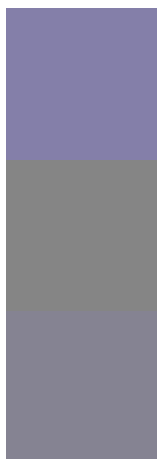
Original Color
55, 24.281, 297.140

Protanomaly
55, 23.580, 289.627

Deuteranomaly
55, 23.023, 292.901

Tritanomaly
55, 12.652, 290.030

Monochromacy



Original Color
55, 24.281, 297.140

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 8.664, 296.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 24.281, 297.140 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(132, 127, 169)` looks like.

```
.text, #text, p{  
    color:rgb(132, 127, 169)  
}
```

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(132, 127, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 127, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 24.281, 297.140 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(132, 127, 169) }
```

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

```
.border{ border-color:rgb(132, 127, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 127, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 127, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 127, 169);  
box-shadow:4px 4px 4px 4px rgb(132, 127,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 24.281, 297.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 127, 169) }
```

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

```
.background{ background-color: rgb(132,  
127, 169) }
```

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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