

Converting Colors

CIELCh(55, 36.486, 300.008)

Have a look what the booklet for
CIELCh(55, 36.486, 300.008)
contains.

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Color

CIELCh(55, 36.534, 300.027)

Conversions

Conversions Part 1

Format	Color
Hex	867BBA
RGB	134, 123, 186
RGB Percent	53%, 48%, 73%
CMY	0.4729, 0.5161, 0.2689
CMYK	0.28, 0.34, 0.00, 0.27
HSL	250°, 31%, 61%
HSV	250°, 34%, 73%
XYZ	25.9379, 22.9298, 49.7518
YIQ	133.4710, -13.6670, 21.9250

Conversions

Conversions Part 2

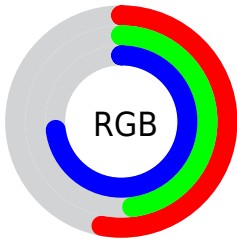
Format	Color
RYB	134, 123, 186
Decimal	8813498
CIELab	55.00, 18.28, -31.63
CIELCh	55, 36.534, 300.027
Yxy	22.9298, 0.2630, 0.2325
Android (android.graphics.Color)	4287003578 (0xFF867BBA)
YUV	133.4710, 25.8968, 0.4639
Hunter-Lab	47.8851, 12.8891, -28.0817

Details

The CIELCh color $55, 36.534, 300.027$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $73, 33.793, 114.624$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 36.018, 299.615$, and $35, 36.984, 299.956$ is the 20% darker color. If you saturate the color by 10%, you get $49, 48.226, 301.203$, and if you desaturate by 10%, it is $61, 25.236, 298.985$.

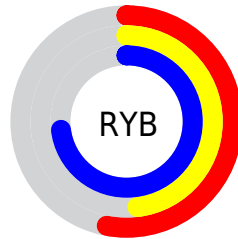
Distribution



Red (53%)

Green (48%)

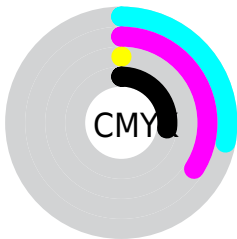
Blue (73%)



Red (53%)

Yellow (48%)

Blue (73%)

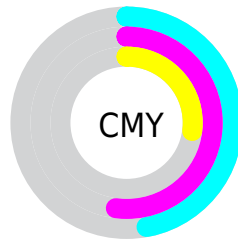


Cyan (28%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 36.534, 300.027 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, 36.534, 300.027 by changing the saturation by 10% instead.

■ 55, 36.534,
300.027

■ 55, 36.534,
300.027

■ 100, 36.534,
300.027

■ 45, 36.534,
300.027

■ 75, 36.534,
300.027

■ 35, 36.534,
300.027

■ 85, 36.534,
300.027

■ 25, 36.534,
300.027

■ 95, 36.534,
300.027

■ 15, 36.534,
300.027

■ 5, 36.534, 300.027

■ 0, 36.534, 300.027

■ 55, 36.534,
300.027

■ 55, 36.534,
300.027

■ 49, 48.226,
301.203

■ 61, 25.236,
298.985

■ 43, 60.221,
302.495

■ 67, 14.358,
298.076

■ 37, 72.271,
303.850

■ 73, 3.892, 297.290

■ 32, 83.838,
305.158

■ 79, 6.183, 116.613

■ 28, 93.946,
306.231

■ 85, 15.889,
116.030

■ 25, 101.236,
306.833

■ 91, 25.252,
115.529

■ 23, 104.477,
307.055

■ 97, 34.293,
115.099

■ 99, 34.478,
107.552

Harmonies

Complementary

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



55, 36.534, 300.027



73, 33.793, 114.624

Rectangle

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



55, 36.534, 300.027



55, 36.534, 350.027



55, 36.534, 120.027



55, 36.534, 170.027

Sweetspot

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



55, 36.533, 300.027



88, 12.775, 297.776



69, 18.219, 216.722



46, 8.810, 297.891



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



55, 36.533, 300.027



65, 55.621, 300.940



58, 38.772, 316.111



37, 5.902, 297.712



19, 92.380, 307.132



1, 17.527, 295.499

Inverse Universe

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



60, 37.101, 331.769



72, 55.249, 332.288



71, 37.679, 133.081



37, 6.263, 330.200



36, 70.664, 336.541



3, 18.069, 332.864

Previews

White Background



This preview shows how the CIELCh color 55, 36.534, 300.027 looks on a white background.

Color Contrast Check

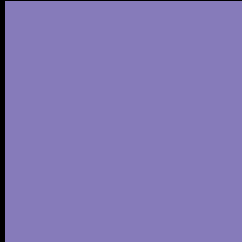
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.534, 300.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

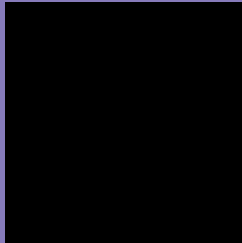
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 36.534, 300.027

Background



This preview shows how black text looks on a background with the CIELCh color 55, 36.534, 300.027.



This preview shows how white text looks on a background with the CIELCh color 55, 36.534, 300.027.

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

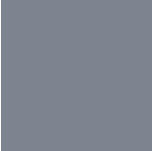
55, 36.534, 300.027

Protanopia

55, 35.249, 284.722

Deuteranopia

55, 31.828, 284.164



Tritanopia
55, 6.667, 271.100

Trichromacy



Original Color
55, 36.534, 300.027

Protanomaly
55, 35.040, 290.104

Deuteranomaly
55, 33.326, 290.197

Tritanomaly
55, 17.265, 292.237

Monochromacy



Original Color
55, 36.534, 300.027

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 13.328, 298.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 36.534, 300.027 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(134, 123, 186)` looks like.

```
.text, #text, p{  
    color:rgb(134, 123, 186)  
}
```

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(134, 123, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 123, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 36.534, 300.027 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(134, 123, 186) }
```

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

```
.border{ border-color:rgb(134, 123, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 123, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 123, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 123, 186);  
box-shadow:4px 4px 4px 4px rgb(134, 123,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 36.534, 300.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 123, 186) }
```

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

```
.background{ background-color: rgb(134,  
123, 186) }
```

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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