

Converting Colors

CIELCh(55, 34.822, 286.496)

Have a look what the booklet for
CIELCh(55, 34.822, 286.496)
contains.

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Color

CIELCh(55, 34.597, 286.432)

Conversions

Conversions Part 1

Format	Color
Hex	7281BD
RGB	114, 129, 189
RGB Percent	45%, 51%, 74%
CMY	0.5532, 0.4943, 0.2591
CMYK	0.40, 0.32, 0.00, 0.26
HSL	228°, 36%, 59%
HSV	228°, 40%, 74%
XYZ	23.9526, 22.9298, 51.2719
YIQ	131.3550, -28.2000, 15.4800

Conversions

Conversions Part 2

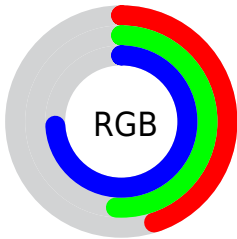
Format	Color
RYB	114, 127, 189
Decimal	7504317
CIELab	55.00, 9.79, -33.18
CIElCh	55, 34.597, 286.432
Yxy	22.9298, 0.2440, 0.2336
Android (android.graphics.Color)	4285694397 (0xFF7281BD)
YUV	131.3550, 28.4190, -15.2203
Hunter-Lab	47.8851, 5.4884, -29.9639

Details

The CIELCh color $55, 34.597, 286.432$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $71, 32.907, 95.750$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 34.690, 286.138$, and $35, 34.450, 286.240$ is the 20% darker color. If you saturate the color by 10%, you get $50, 44.032, 288.614$, and if you desaturate by 10%, it is $60, 25.477, 284.551$.

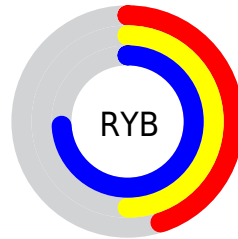
Distribution



Red (45%)

Green (51%)

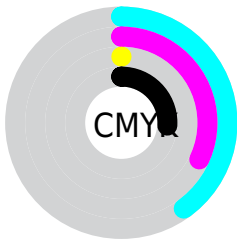
Blue (74%)



Red (45%)

Yellow (50%)

Blue (74%)

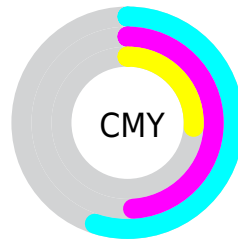


Cyan (40%)

Magenta (32%)

Yellow (0%)

Black (26%)



Cyan (55%)


Magenta (49%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 34.597, 286.432 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, 34.597, 286.432 by changing the saturation by 10% instead.


 55, 34.597,
286.432


 55, 34.597,
286.432


 100, 34.597,
286.432


 45, 34.597,
286.432


 75, 34.597,
286.432

 35, 34.597,
286.432

 85, 34.597,
286.432

 25, 34.597,
286.432

 95, 34.597,
286.432

 15, 34.597,
286.432

 5, 34.597, 286.432

 0, 34.597, 286.432

■ 55, 34.597,
286.432

■ 55, 34.597,
286.432

■ 50, 44.032,
288.614

■ 60, 25.477,
284.551

■ 44, 53.804,
291.110

■ 66, 16.646,
282.941

■ 39, 63.890,
293.887

■ 71, 8.079, 281.570

■ 35, 74.145,
296.846

■ 77, 0.243, 99.746

■ 30, 84.181,
299.795

■ 82, 8.336, 99.327

■ 27, 93.283,
302.411

■ 88, 16.213, 98.450

■ 27, 93.540,
302.479

■ 93, 23.883, 97.682

■ 97, 30.852,
104.138

■ 99, 33.236,
107.647

Harmonies

Complementary

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



55, 34.597, 286.432



71, 32.907, 95.750

Rectangle

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



55, 34.597, 286.432



55, 34.597, 336.432



55, 34.597, 106.432



55, 34.597, 156.432

Sweetspot

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



55, 34.596, 286.432



88, 12.386, 281.891



72, 27.152, 178.140



46, 8.227, 282.064



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, 34.596, 286.432



64, 52.410, 288.400



53, 44.098, 304.108



37, 4.717, 281.527



22, 81.031, 302.124



2, 14.975, 284.283

Inverse Universe

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



57, 31.762, 8.098



67, 47.934, 9.856



73, 40.524, 118.841



37, 4.234, 4.047



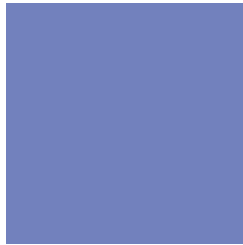
33, 64.616, 28.735



3, 12.530, 8.044

Previews

White Background



This preview shows how the CIELCh color 55, 34.597, 286.432 looks on a white background.

Color Contrast Check

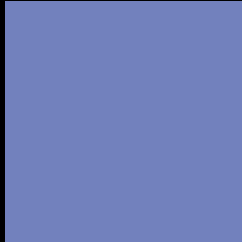
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.597, 286.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

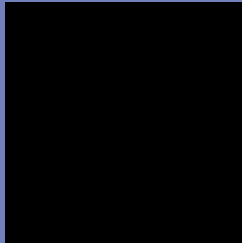
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 34.597, 286.432

Background



This preview shows how black text looks on a background with the CIELCh color 55, 34.597, 286.432.



This preview shows how white text looks on a background with the CIELCh color 55, 34.597, 286.432.

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, 34.597, 286.432

Protanopia

55, 34.663, 285.465

Deuteranopia

55, 34.219, 283.256



Tritanopia
55, 13.074, 227.518

Trichromacy



Original Color
55, 34.597, 286.432

Protanomaly
55, 34.629, 285.947

Deuteranomaly
55, 34.136, 284.212

Tritanomaly
55, 18.523, 263.726

Monochromacy



Original Color
55, 34.597, 286.432

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 12.749, 283.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 34.597, 286.432 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(114, 129, 189)` looks like.

```
.text, #text, p{  
    color:rgb(114, 129, 189)  
}
```

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(114, 129, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 129, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 34.597, 286.432 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(114, 129, 189) }
```

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

```
.border{ border-color:rgb(114, 129, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 129, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 129, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 129, 189);  
box-shadow:4px 4px 4px 4px rgb(114, 129,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 34.597, 286.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 129, 189) }
```

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

```
.background{ background-color: rgb(114,  
129, 189) }
```

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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