

Converting Colors

CIELCh(55, 75.917, 292.340)

Have a look what the booklet for
CIELCh(55, 75.917, 292.340)
contains.

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Color

CIELCh(55, 75.917, 292.340)

Conversions

Conversions Part 1

Format	Color
Hex	547AFF
RGB	84, 122, 255
RGB Percent	33%, 48%, 100%
CMY	0.6719, 0.5225, 0.0011
CMYK	0.67, 0.52, 0.00, 0.00
HSL	227°, 100%, 66%
HSV	227°, 67%, 100%
XYZ	28.5586, 22.9298, 97.2884
YIQ	125.8000, -65.3410, 33.3070

Conversions

Conversions Part 2

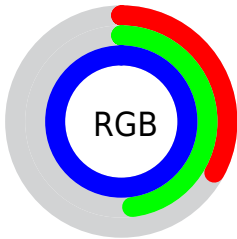
Format	Color
R _Y B	84, 115, 255
Decimal	5536511
CIE Lab	55.00, 28.86, -70.22
CIE LCh	55, 75.917, 292.340
Yxy	22.9298, 0.1920, 0.1541
Android (android.graphics.Color)	4283726591 (0xFF547AFF)
YUV	125.8000, 63.6956, -36.6586
Hunter-Lab	47.8851, 22.6583, -86.9401

Details

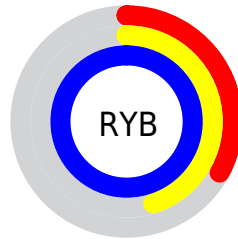
The CIELCh color **55, 75.917, 292.340** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **88, 67.839, 90.562**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 44.320, 285.258**, and **36, 75.458, 294.235** is the 20% darker color. If you saturate the color by 10%, you get **49, 88.586, 295.422**, and if you desaturate by 10%, it is **61, 63.543, 289.491**.

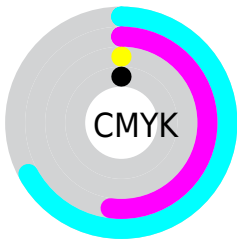
Distribution



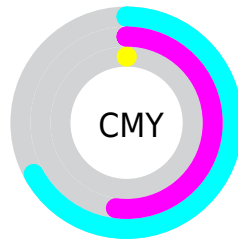
- Red (33%)
- Green (48%)
- Blue (100%)



- Red (33%)
- Yellow (45%)
- Blue (100%)



- Cyan (67%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (67%)
- Magenta (52%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 75.917, 292.340 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, 75.917, 292.340 by changing the saturation by 10% instead.


 55, 75.917,
292.340


 55, 75.917,
292.340


 100, 75.917,
292.340


 45, 75.917,
292.340


 75, 75.917,
292.340


 35, 75.917,
292.340


 85, 75.917,
292.340

 25, 75.917,
292.340

 95, 75.917,
292.340

 15, 75.917,
292.340

 5, 75.917, 292.340

 0, 75.917, 292.340

■ 55, 75.917,
292.340

■ 55, 75.917,
292.340

■ 49, 88.586,
295.422

■ 61, 63.543,
289.491

■ 44, 101.188,
298.556

■ 68, 51.573,
286.956

■ 39, 112.943,
301.473

■ 75, 40.007,
284.755

■ 38, 115.996,
302.194

■ 81, 28.810,
282.867

■ 88, 17.947,
281.257

■ 95, 7.390, 279.894

■ 100, 0.133,
109.585

Harmonies

Complementary

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



55, 75.917, 292.340



88, 67.839, 90.562

Rectangle

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



55, 75.917, 292.340



55, 75.917, 342.340



55, 75.917, 112.340



55, 75.917, 162.340

Sweetspot

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



55, 75.917, 292.341



86, 21.023, 281.689



91, 53.129, 173.111



44, 14.399, 282.136



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 75.917, 292.341



47, 93.555, 296.635



50, 97.807, 306.452



50, 5.893, 280.192



28, 92.078, 301.723



6, 36.780, 296.890

Inverse Universe

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



61, 68.880, 13.389



56, 80.482, 18.929



94, 82.390, 116.965



50, 5.475, 2.378



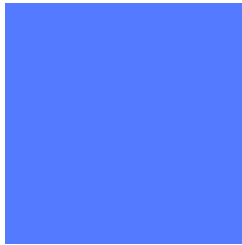
40, 73.852, 27.844



10, 31.852, 17.546

Previews

White Background



This preview shows how the CIELCh color 55, 75.917, 292.340 looks on a white background.

Color Contrast Check

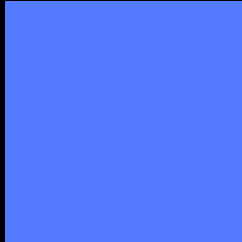
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.917, 292.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

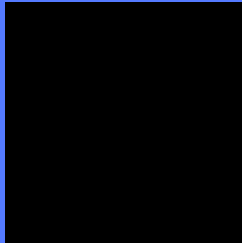
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 75.917, 292.340

Background



This preview shows how black text looks on a background with the CIELCh color 55, 75.917, 292.340.




This preview shows how white text looks on a background with the CIELCh color 55, 75.917, 292.340.

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





Tritanopia
55, 31.740, 209.389

Trichromacy



Original Color
55, 75.917, 292.340

Protanomaly
55, 75.066, 289.506

Deuteranomaly
55, 64.643, 281.810

Tritanomaly
54, 38.320, 256.384

Monochromacy



Original Color
55, 75.917, 292.340

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 28.543, 285.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 75.917, 292.340 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(84, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 122, 255)  
}
```

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(84, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 122, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 75.917, 292.340 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(84, 122, 255) }
```

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

```
.border{ border-color:rgb(84, 122, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 122, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 122,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 75.917, 292.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 122, 255) }
```

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

```
.background{ background-color: rgb(84, 122,  
255) }
```

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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