

Converting Colors

CIELCh(53, 79.409, 292.078)

Have a look what the booklet for
CIELCh(53, 79.409, 292.078)
contains.

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Color

CIELCh(53, 79.279, 292.027)

Conversions

Conversions Part 1

Format	Color
Hex	4375FF
RGB	67, 117, 255
RGB Percent	26%, 46%, 100%
CMY	0.7388, 0.5421, 0.0011
CMYK	0.74, 0.54, 0.00, 0.00
HSL	224°, 100%, 63%
HSV	224°, 74%, 100%
XYZ	26.6230, 21.0462, 97.0233
YIQ	117.7820, -74.0980, 32.3180

Conversions

Conversions Part 2

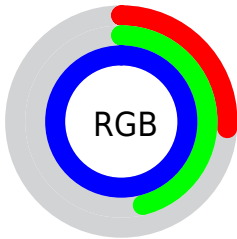
Format	Color
R _{YB}	67, 106, 255
Decimal	4421119
CIE _{Lab}	53.00, 29.73, -73.49
CIE _{LCh}	53, 79.279, 292.027
Yxy	21.0462, 0.1840, 0.1455
Android (android.graphics.Color)	4282611199 (0xFF4375FF)
YUV	117.7820, 67.6485, -44.5358
Hunter-Lab	45.8761, 23.3045, -93.2790

Details

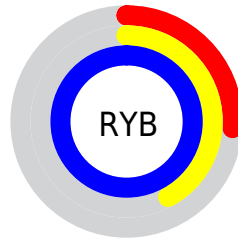
The CIELCh color **53, 79.279, 292.027** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **85, 71.462, 86.243**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 47.431, 284.099**, and **35, 78.088, 295.495** is the 20% darker color. If you saturate the color by 10%, you get **48, 91.250, 295.366**, and if you desaturate by 10%, it is **59, 67.523, 288.869**.

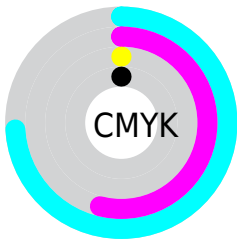
Distribution



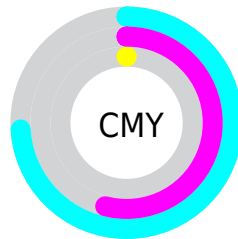
- Red (26%)
- Green (46%)
- Blue (100%)



- Red (26%)
- Yellow (42%)
- Blue (100%)



- Cyan (74%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (74%)
- Magenta (54%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 79.279, 292.027 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 53, 79.279, 292.027 by changing the saturation by 10% instead.


 53, 79.279,
292.027


 53, 79.279,
292.027


 100, 79.279,
292.027


 43, 79.279,
292.027


 73, 79.279,
292.027

 33, 79.279,
292.027

 83, 79.279,
292.027

 23, 79.279,
292.027

 93, 79.279,
292.027

 13, 79.279,
292.027

 3, 79.279, 292.027

 0, 79.279, 292.027

■ 53, 79.279,
292.027

■ 53, 79.279,
292.027

■ 48, 91.250,
295.366

■ 59, 67.523,
288.869

■ 43, 103.039,
298.666

■ 65, 56.117,
286.015

■ 40, 109.901,
300.518

■ 71, 45.068,
283.511

■ 78, 34.342,
281.352

■ 84, 23.902,
279.506

■ 91, 13.721,
277.934

■ 97, 3.780, 276.627

■ 100, 0.135,
109.594

Harmonies

Complementary

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



53, 79.279, 292.027



85, 71.462, 86.243

Rectangle

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



53, 79.279, 292.027



53, 79.279, 342.027



53, 79.279, 112.027



53, 79.279, 162.027

Sweetspot

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



53, 79.279, 292.028



86, 22.017, 279.195



90, 58.400, 169.306



44, 14.841, 279.653



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 79.279, 292.028



45, 97.469, 297.088



45, 107.490, 306.400



50, 5.610, 277.328



30, 87.119, 299.981



7, 34.922, 295.187

Inverse Universe

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



58, 74.199, 12.299



55, 84.352, 19.202



94, 87.734, 115.385



50, 5.577, 359.169



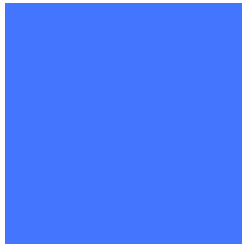
40, 71.930, 24.210



10, 31.613, 14.968

Previews

White Background



This preview shows how the CIELCh color 53, 79.279, 292.027 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 53, 79.279, 292.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

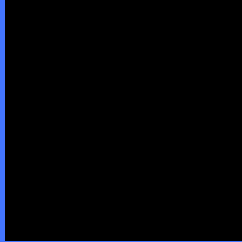
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

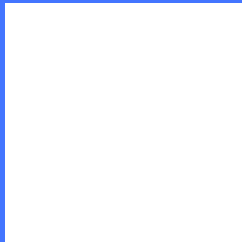
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 79.279, 292.027

Background



This preview shows how black text looks on a background with the CIELCh color 53, 79.279, 292.027.



This preview shows how white text looks on a background with the CIELCh color 53, 79.279, 292.027.

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





Tritanopia
53, 31.070, 206.382

Trichromacy



Original Color
53, 79.279, 292.027

Protanomaly
53, 78.462, 289.312

Deuteranomaly
53, 64.401, 282.292

Tritanomaly
52, 37.828, 256.539

Monochromacy



Original Color
53, 79.279, 292.027

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 29.600, 282.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 79.279, 292.027 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(67, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(67, 117, 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(67, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 117, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 79.279, 292.027 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(67, 117, 255) }
```

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

```
.border{ border-color:rgb(67, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(67, 117,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 79.279, 292.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 117, 255) }
```

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

```
.background{ background-color: rgb(67, 117,  
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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