

Converting Colors

CIELCh(53, 51.354, 279.336)

Have a look what the booklet for
CIELCh(53, 51.354, 279.336)
contains.

CIELCh(53, 51.354, 279.336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 51.354, 279.336)

Conversions

Conversions Part 1

Format	Color
Hex	3F7FD6
RGB	63, 127, 214
RGB Percent	25%, 50%, 84%
CMY	0.7536, 0.5024, 0.1613
CMYK	0.71, 0.41, 0.00, 0.16
HSL	215°, 65%, 54%
HSV	215°, 71%, 84%
XYZ	21.7323, 21.0462, 66.4430
YIQ	117.7820, -66.0710, 13.4890

Conversions

Conversions Part 2

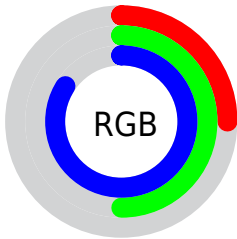
Format	Color
RYB	63, 108, 214
Decimal	4161494
CIELab	53.00, 8.33, -50.67
CIElCh	53, 51.354, 279.336
Yxy	21.0462, 0.1990, 0.1927
Android (android.graphics.Color)	4282351574 (0xFF3F7FD6)
YUV	117.7820, 47.4355, -48.0438
Hunter-Lab	45.8761, 4.2751, -53.7573

Details

The CIELCh color **53, 51.354, 279.336** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **67, 56.047, 73.364**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 42.992, 274.524**, and **34, 50.478, 283.819** is the 20% darker color. If you saturate the color by 10%, you get **49, 58.871, 283.171**, and if you desaturate by 10%, it is **57, 43.978, 275.890**.

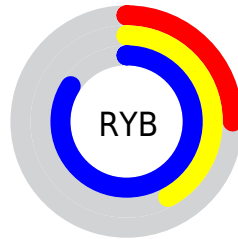
Distribution



Red (25%)

Green (50%)

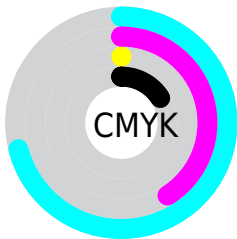
Blue (84%)



Red (25%)

Yellow (42%)

Blue (84%)

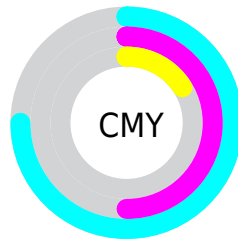


Cyan (71%)

Magenta (41%)

Yellow (0%)

Black (16%)



Cyan (75%)

Magenta (50%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 51.354, 279.336 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, 51.354, 279.336 by changing the saturation by 10% instead.

■ 53, 51.354,
279.336

■ 53, 51.354,
279.336

■ 100, 51.354,
279.336

■ 43, 51.354,
279.336

■ 73, 51.354,
279.336

■ 33, 51.354,
279.336

■ 83, 51.354,
279.336

■ 23, 51.354,
279.336

■ 93, 51.354,
279.336

■ 13, 51.354,
279.336

■ 3, 51.354, 279.336

■ 0, 51.354, 279.336

■ 53, 51.354,
279.336

■ 53, 51.354,
279.336

■ 49, 58.871,
283.171

■ 57, 43.978,
275.890

■ 45, 66.584,
287.265

■ 62, 36.682,
272.876

■ 42, 74.005,
291.079

■ 66, 29.418,
270.286

■ 71, 22.164,
268.083

■ 76, 14.914,
266.217

■ 81, 7.673, 264.646

■ 85, 0.455, 263.958

■ 90, 6.728, 82.031

Harmonies

Complementary

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



53, 51.354, 279.336



67, 56.047, 73.364

Rectangle

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



53, 51.354, 279.336



53, 51.354, 329.336



53, 51.354, 99.336



53, 51.354, 149.336

Sweetspot

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



53, 51.353, 279.337



88, 17.520, 266.319



77, 58.301, 158.684



46, 11.861, 266.813



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, 51.353, 279.337



56, 71.808, 285.293



37, 90.342, 302.956



43, 4.106, 264.477



33, 61.583, 290.406



6, 19.076, 279.112

Inverse Universe

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



51, 63.290, 358.437



56, 80.740, 3.481



82, 72.443, 107.290



42, 5.265, 348.746



36, 62.600, 9.011



5, 22.887, 359.195

Previews

White Background



This preview shows how the CIE LCh color 53, 51.354, 279.336 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, 51.354, 279.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

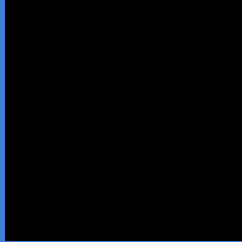
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

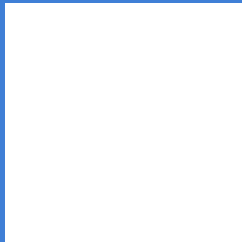
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 51.354, 279.336

Background



This preview shows how black text looks on a background with the CIELCh color 53, 51.354, 279.336.

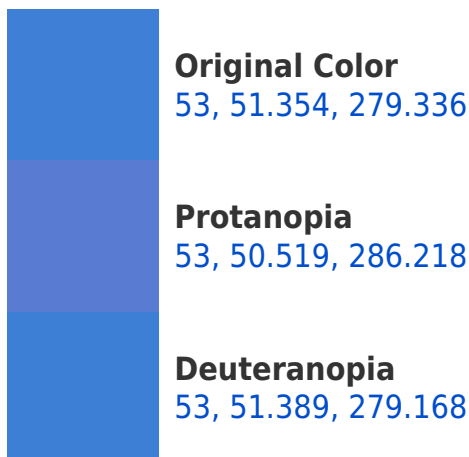


This preview shows how white text looks on a background with the CIELCh color 53, 51.354, 279.336.

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, 30.963, 208.673

Trichromacy



Original Color
53, 51.354, 279.336

Protanomaly
53, 50.814, 283.544

Deuteranomaly
53, 51.389, 279.168

Tritanomaly
52, 32.656, 242.007

Monochromacy



Original Color
53, 51.354, 279.336

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 19.955, 269.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 51.354, 279.336 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(63, 127, 214)` looks like.

```
.text, #text, p{  
    color:rgb(63, 127, 214)  
}
```

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(63, 127, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 127, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 51.354, 279.336 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(63, 127, 214) }
```

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

```
.border{ border-color:rgb(63, 127, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 127, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 127, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 127, 214);  
box-shadow:4px 4px 4px 4px rgb(63, 127,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 51.354, 279.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 127, 214) }
```

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

```
.background{ background-color: rgb(63, 127,  
214) }
```

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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