

Converting Colors

CIELCh(53, 56.591, 279.368)

Have a look what the booklet for
CIELCh(53, 56.591, 279.368)
contains.

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Color

CIELCh(53, 56.663, 279.407)

Conversions

Conversions Part 1

Format	Color
Hex	2B7FDF
RGB	43, 127, 223
RGB Percent	17%, 50%, 87%
CMY	0.8307, 0.5017, 0.1252
CMYK	0.81, 0.43, 0.00, 0.13
HSL	212°, 74%, 52%
HSV	212°, 81%, 87%
XYZ	21.9313, 21.0462, 72.7763
YIQ	112.8280, -80.8800, 12.0480

Conversions

Conversions Part 2

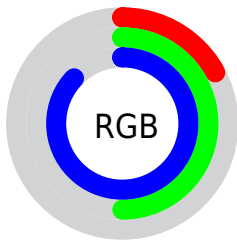
Format	Color
R _Y B	43, 100, 223
Decimal	2850783
CIE Lab	53.00, 9.26, -55.90
CIE LCh	53, 56.663, 279.407
Yxy	21.0462, 0.1895, 0.1818
Android (android.graphics.Color)	4281040863 (0xFF2B7FDF)
YUV	112.8280, 54.3148, -61.2392
Hunter-Lab	45.8761, 5.0496, -61.9424

Details

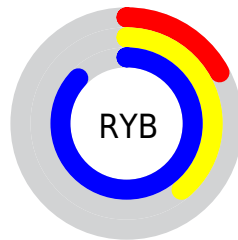
The CIELCh color **53, 56.663, 279.407** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **65, 65.581, 67.722**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 43.680, 271.628**, and **35, 55.065, 286.249** is the 20% darker color. If you saturate the color by 10%, you get **49, 63.789, 283.716**, and if you desaturate by 10%, it is **57, 49.693, 275.414**.

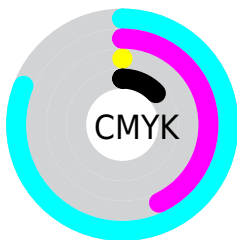
Distribution



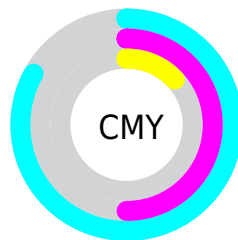
- Red (17%)
- Green (50%)
- Blue (87%)



- Red (17%)
- Yellow (39%)
- Blue (87%)



- Cyan (81%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)





- Cyan (83%)
- Magenta (50%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 56.663, 279.407 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, 56.663, 279.407 by changing the saturation by 10% instead.


 53, 56.663,
279.407


 53, 56.663,
279.407


 100, 56.663,
279.407

 43, 56.663,
279.407


 73, 56.663,
279.407

 33, 56.663,
279.407

 83, 56.663,
279.407

 23, 56.663,
279.407

 93, 56.663,
279.407

 13, 56.663,
279.407

 3, 56.663, 279.407

 0, 56.663, 279.407

■ 53, 56.663,
279.407

■ 53, 56.663,
279.407

■ 49, 63.789,
283.716

■ 57, 49.693,
275.414

■ 46, 70.657,
287.765

■ 61, 42.792,
271.853

■ 66, 35.884,
268.762

■ 70, 28.923,
266.125

■ 75, 21.893,
263.896

■ 79, 14.798,
262.019

■ 84, 7.652, 260.449

■ 89, 0.477, 259.825

Harmonies

Complementary

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



53, 56.663, 279.407



65, 65.581, 67.722

Rectangle

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



53, 56.663, 279.407



53, 56.663, 329.407



53, 56.663, 99.407



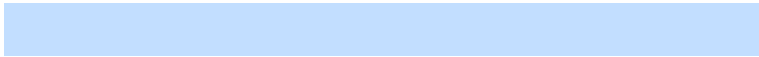
53, 56.663, 149.407

Sweetspot

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



53, 56.662, 279.408



88, 19.146, 262.644



79, 68.537, 154.843



45, 13.138, 263.321



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, 56.662, 279.408



53, 76.287, 286.833



33, 106.425, 304.345



45, 4.100, 260.280



36, 58.217, 287.031



7, 20.052, 277.936

Inverse Universe

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



51, 71.654, 358.179



55, 84.001, 4.863



86, 81.408, 105.150



44, 5.620, 346.271



38, 63.941, 5.041



6, 26.124, 357.191

Previews

White Background



This preview shows how the CIE LCh color 53, 56.663, 279.407 looks on a white background.

Color Contrast Check

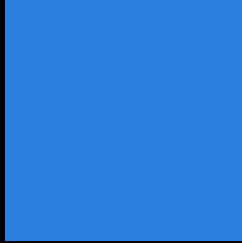
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 53, 56.663, 279.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

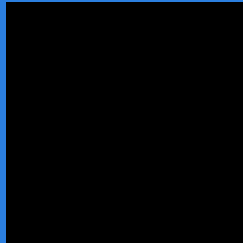
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

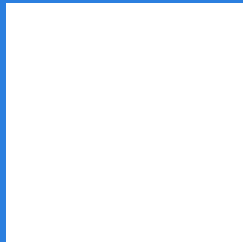
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 56.663, 279.407

Background



This preview shows how black text looks on a background with the CIELCh color 53, 56.663, 279.407.



This preview shows how white text looks on a background with the CIELCh color 53, 56.663, 279.407.

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, 31.011, 207.525

Trichromacy



Original Color
53, 56.663, 279.407

Protanomaly
53, 56.045, 283.616

Deuteranomaly
53, 56.211, 278.480

Tritanomaly
53, 33.836, 244.292

Monochromacy



Original Color
53, 56.663, 279.407

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 22.359, 266.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 56.663, 279.407 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(43, 127, 223)` looks like.

```
.text, #text, p{  
    color:rgb(43, 127, 223)  
}
```

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(43, 127, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 127, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 56.663, 279.407 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(43, 127, 223) }
```

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

```
.border{ border-color:rgb(43, 127, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 127, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 127, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 127, 223);  
box-shadow:4px 4px 4px 4px rgb(43, 127,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 56.663, 279.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 127, 223) }
```

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

```
.background{ background-color: rgb(43, 127,  
223) }
```

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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