

Converting Colors

CIELCh(53, 73.168, 286.397)

Have a look what the booklet for
CIELCh(53, 73.168, 286.397)
contains.

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Color

CIELCh(53, 73.576, 286.623)

Conversions

Conversions Part 1

Format	Color
Hex	1B7AF9
RGB	27, 122, 249
RGB Percent	11%, 48%, 98%
CMY	0.8953, 0.5208, 0.0227
CMYK	0.89, 0.51, 0.00, 0.02
HSL	214°, 95%, 54%
HSV	214°, 89%, 98%
XYZ	24.5584, 21.0462, 92.5696
YIQ	108.0730, -97.3870, 19.3570

Conversions

Conversions Part 2

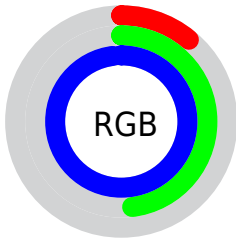
Format	Color
R _Y B	27, 94, 249
Decimal	1800953
CIE Lab	53.00, 21.05, -70.50
CIE LCh	53, 73.576, 286.623
Yxy	21.0462, 0.1777, 0.1523
Android (android.graphics.Color)	4279991033 (0xFF1B7AF9)
YUV	108.0730, 69.4770, -71.1010
Hunter-Lab	45.8761, 15.2716, -87.5230

Details

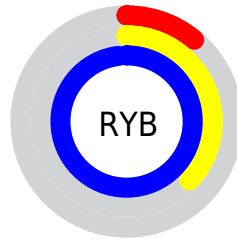
The CIELCh color **53, 73.576, 286.623** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **72, 77.473, 69.056**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 45.959, 275.048**, and **36, 71.984, 293.175** is the 20% darker color. If you saturate the color by 10%, you get **49, 82.413, 290.798**, and if you desaturate by 10%, it is **57, 64.968, 282.481**.

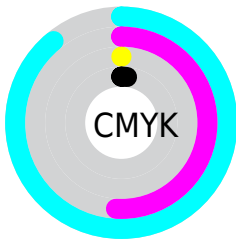
Distribution



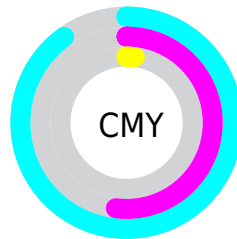
- Red (11%)
- Green (48%)
- Blue (98%)



- Red (11%)
- Yellow (37%)
- Blue (98%)



- Cyan (89%)
- Magenta (51%)
- Yellow (0%)
- Black (2%)





- Cyan (90%)
- Magenta (52%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 73.576, 286.623 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, 73.576, 286.623 by changing the saturation by 10% instead.


 53, 73.576,
286.623


 53, 73.576,
286.623


 100, 73.576,
286.623


 43, 73.576,
286.623


 73, 73.576,
286.623

 33, 73.576,
286.623

 83, 73.576,
286.623

 23, 73.576,
286.623

 93, 73.576,
286.623

 13, 73.576,
286.623

 3, 73.576, 286.623

 0, 73.576, 286.623

■ 53, 73.576,
286.623

■ 53, 73.576,
286.623

■ 49, 82.413,
290.798

■ 57, 64.968,
282.481

■ 49, 83.052,
291.077

■ 62, 56.576,
278.619

■ 67, 48.331,
275.162

■ 72, 40.160,
272.151

■ 77, 32.011,
269.572

■ 82, 23.862,
267.384

■ 88, 15.708,
265.535

■ 93, 7.560, 263.985

Harmonies

Complementary

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



53, 73.576, 286.623



72, 77.473, 69.056

Rectangle

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



53, 73.576, 286.623



53, 73.576, 336.623



53, 73.576, 106.623



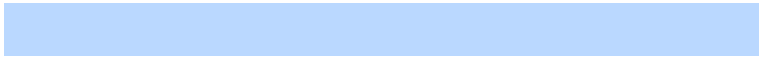
53, 73.576, 156.623

Sweetspot

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



53, 73.576, 286.625



85, 22.410, 266.940



87, 77.112, 154.752



44, 15.101, 267.621



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, 73.576, 286.625



50, 84.617, 291.130



34, 125.036, 305.798



49, 4.637, 264.014



37, 66.182, 290.335



10, 26.041, 284.041

Inverse Universe

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



54, 80.802, 4.775



54, 84.589, 9.940



94, 93.057, 106.855



49, 5.996, 348.459



40, 67.385, 8.921



10, 30.578, 1.971

Previews

White Background



This preview shows how the CIE LCh color 53, 73.576, 286.623 looks on a white background.

Color Contrast Check

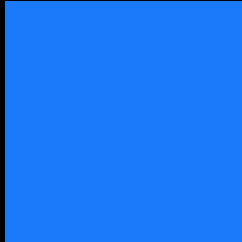
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.576, 286.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

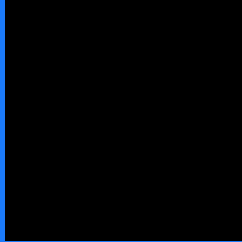
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

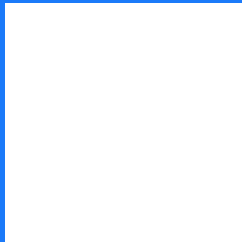
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 73.576, 286.623

Background



This preview shows how black text looks on a background with the CIELCh color 53, 73.576, 286.623.



This preview shows how white text looks on a background with the CIELCh color 53, 73.576, 286.623.

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

53, 73.566, 286.665

Protanopia

53, 73.429, 287.801

Deuteranopia

53, 56.738, 276.444



Tritanopia
53, 31.070, 206.382

Trichromacy



Original Color
53, 73.566, 286.665

Protanomaly
53, 73.509, 287.416

Deuteranomaly
53, 62.909, 280.790

Tritanomaly
53, 36.889, 251.940

Monochromacy



Original Color
53, 73.566, 286.665

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 28.685, 271.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 73.576, 286.623 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(27, 122, 249)` looks like.

```
.text, #text, p{  
    color:rgb(27, 122, 249)  
}
```

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(27, 122, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 122, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 73.576, 286.623 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(27, 122, 249) }
```

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

```
.border{ border-color:rgb(27, 122, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 122, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 122, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 122, 249);  
box-shadow:4px 4px 4px 4px rgb(27, 122,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 73.576, 286.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 122, 249) }
```

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

```
.background{ background-color: rgb(27, 122,  
249) }
```

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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