

Converting Colors

CIELCh(53, 50.292, 275.239)

Have a look what the booklet for
CIELCh(53, 50.292, 275.239)
contains.

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Color

CIELCh(53, 50.360, 275.254)

Conversions

Conversions Part 1

Format	Color
Hex	2E81D5
RGB	46, 129, 213
RGB Percent	18%, 51%, 84%
CMY	0.8203, 0.4945, 0.1652
CMYK	0.78, 0.39, 0.00, 0.17
HSL	210°, 66%, 51%
HSV	210°, 78%, 83%
XYZ	20.9488, 21.0462, 65.8276
YIQ	113.7590, -76.4320, 8.5280

Conversions

Conversions Part 2

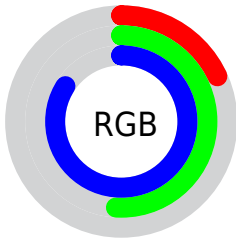
Format	Color
R _Y B	46, 101, 213
Decimal	3047893
CIE Lab	53.00, 4.61, -50.15
CIE LCh	53, 50.360, 275.254
Yxy	21.0462, 0.1943, 0.1952
Android (android.graphics.Color)	4281237973 (0xFF2E81D5)
YUV	113.7590, 48.9258, -59.4246
Hunter-Lab	45.8761, 1.2266, -52.9619

Details

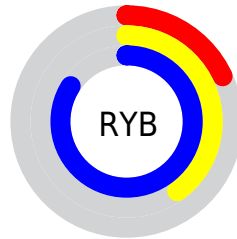
The CIELCh color **53, 50.360, 275.254** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **62, 61.621, 65.384**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 42.889, 269.894**, and **35, 48.661, 282.200** is the 20% darker color. If you saturate the color by 10%, you get **49, 56.573, 279.616**, and if you desaturate by 10%, it is **57, 44.223, 271.286**.

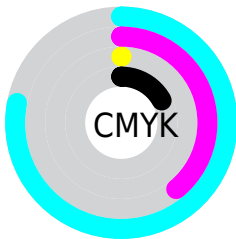
Distribution



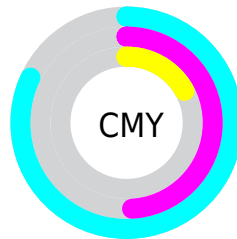
- Red (18%)
- Green (51%)
- Blue (84%)



- Red (18%)
- Yellow (40%)
- Blue (84%)



- Cyan (78%)
- Magenta (39%)
- Yellow (0%)
- Black (17%)





- Cyan (82%)
- Magenta (49%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 50.360, 275.254 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, 50.360, 275.254 by changing the saturation by 10% instead.


 53, 50.360,
275.254


 53, 50.360,
275.254


 100, 50.360,
275.254


 43, 50.360,
275.254


 73, 50.360,
275.254

 33, 50.360,
275.254

 83, 50.360,
275.254

 23, 50.360,
275.254

 93, 50.360,
275.254

 13, 50.360,
275.254

 3, 50.360, 275.254

 0, 50.360, 275.254

■ 53, 50.360,
275.254

■ 53, 50.360,
275.254

■ 49, 56.573,
279.616

■ 57, 44.223,
271.286

■ 46, 62.969,
284.143

■ 61, 38.068,
267.797

■ 46, 63.971,
284.796

■ 65, 31.826,
264.801

■ 69, 25.465,
262.265

■ 73, 18.982,
260.135

■ 77, 12.390,
258.351

■ 82, 5.713, 256.876

■ 86, 1.022, 75.156

Harmonies

Complementary

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



53, 50.360, 275.254



62, 61.621, 65.384

Rectangle

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



53, 50.360, 275.254



53, 50.360, 325.254



53, 50.360, 95.254



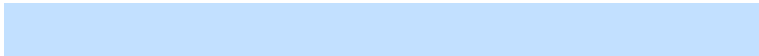
53, 50.360, 145.254

Sweetspot

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



53, 50.359, 275.255



88, 18.572, 259.341



76, 66.950, 153.573



45, 12.730, 260.013



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, 50.359, 275.255



57, 69.555, 282.574



33, 100.238, 303.603



43, 3.843, 257.002



37, 53.483, 284.057



7, 17.264, 273.177

Inverse Universe

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



49, 68.816, 355.050



55, 83.993, 0.654



83, 77.218, 103.455



42, 5.520, 344.542



37, 62.778, 1.987



5, 23.501, 354.452

Previews

White Background



This preview shows how the CIELCh color 53, 50.360, 275.254 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, 50.360, 275.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

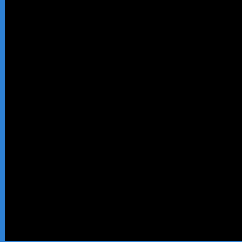
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

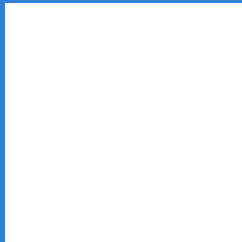
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 50.360, 275.254

Background



This preview shows how black text looks on a background with the CIELCh color 53, 50.360, 275.254.

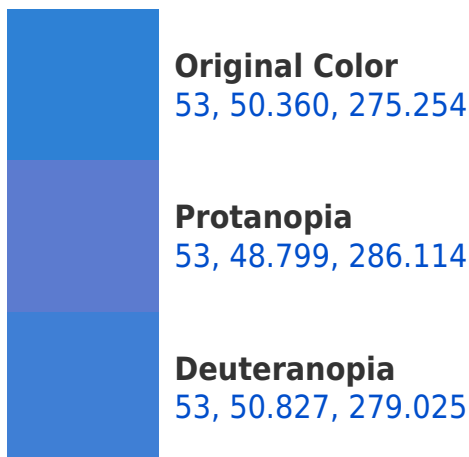


This preview shows how white text looks on a background with the CIELCh color 53, 50.360, 275.254.

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, 50.360, 275.254

Protanomaly
53, 49.347, 281.346

Deuteranomaly
53, 50.508, 277.432

Tritanomaly
53, 32.527, 239.266

Monochromacy



Original Color
53, 50.360, 275.254

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 20.344, 263.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 50.360, 275.254 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(46, 129, 213)` looks like.

```
.text, #text, p{  
    color:rgb(46, 129, 213)  
}
```

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(46, 129, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 129, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 50.360, 275.254 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(46, 129, 213) }
```

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

```
.border{ border-color:rgb(46, 129, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 129, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 129, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 129, 213);  
box-shadow:4px 4px 4px 4px rgb(46, 129,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 50.360, 275.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 129, 213) }
```

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

```
.background{ background-color: rgb(46, 129,  
213) }
```

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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