

Converting Colors

CIELCh(53, 34.037, 281.203)

Have a look what the booklet for
CIELCh(53, 34.037, 281.203)
contains.

CIELCh(53, 34.027, 281.281)	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, 34.027, 281.281)

Conversions

Conversions Part 1

Format	Color
Hex	657EB8
RGB	101, 126, 184
RGB Percent	40%, 49%, 72%
CMY	0.6051, 0.5070, 0.2796
CMYK	0.45, 0.32, 0.00, 0.28
HSL	222°, 37%, 56%
HSV	222°, 45%, 72%
XYZ	21.3772, 21.0462, 48.1138
YIQ	125.1370, -33.5180, 12.7380

Conversions

Conversions Part 2

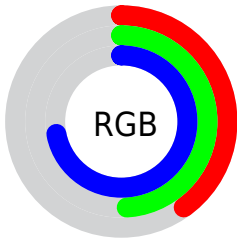
Format	Color
R_{YB}	101, 120, 184
Decimal	6651576
CIE Lab	53.00, 6.66, -33.37
CIE LCh	53, 34.027, 281.281
Yxy	21.0462, 0.2361, 0.2325
Android (android.graphics.Color)	4284841656 (0xFF657EB8)
YUV	125.1370, 29.0195, -21.1681
Hunter-Lab	45.8761, 2.8935, -30.0687

Details

The CIELCh color `53, 34.027, 281.281` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `66, 33.615, 87.808`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 34.129, 281.385`, and `33, 34.466, 281.860` is the 20% darker color. If you saturate the color by 10%, you get `48, 42.036, 283.810`, and if you desaturate by 10%, it is `58, 26.214, 279.097`.

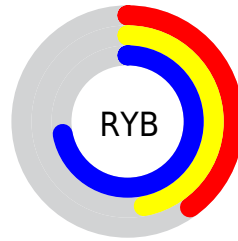
Distribution



Red (40%)

Green (49%)

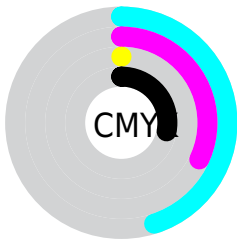
Blue (72%)



Red (40%)

Yellow (47%)

Blue (72%)

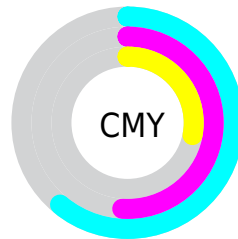


Cyan (45%)

Magenta (32%)

Yellow (0%)

Black (28%)



Cyan (61%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 34.027, 281.281 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, 34.027, 281.281 by changing the saturation by 10% instead.

■ 53, 34.027,
281.281

■ 53, 34.027,
281.281

■ 100, 34.027,
281.281

■ 43, 34.027,
281.281

■ 73, 34.027,
281.281

■ 33, 34.027,
281.281

■ 83, 34.027,
281.281

■ 23, 34.027,
281.281

■ 93, 34.027,
281.281

■ 13, 34.027,
281.281

■ 3, 34.027, 281.281

■ 0, 34.027, 281.281

■ 53, 34.027,
281.281

■ 53, 34.027,
281.281

■ 48, 42.036,
283.810

■ 58, 26.214,
279.097

■ 44, 50.274,
286.694

■ 63, 18.575,
277.224

■ 39, 58.756,
289.896

■ 67, 11.091,
275.625

■ 35, 67.438,
293.312

■ 72, 3.753, 274.282

■ 77, 3.445, 92.979

■ 32, 76.138,
296.752

■ 82, 10.505, 91.990

■ 30, 80.257,
298.269

■ 87, 17.429, 91.099

■ 91, 24.220, 90.314

■ 95, 29.762, 97.521

Harmonies

Complementary

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



53, 34.027, 281.281



66, 33.615, 87.808

Rectangle

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



53, 34.027, 281.281



53, 34.027, 331.281



53, 34.027, 101.281



53, 34.027, 151.281

Sweetspot

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



53, 34.026, 281.281



86, 12.688, 275.487



69, 32.098, 170.073



45, 8.772, 275.804



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



53, 34.026, 281.281



63, 51.053, 283.738



48, 49.265, 301.618



36, 4.116, 274.806



25, 70.048, 297.821



2, 12.125, 279.255

Inverse Universe

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



53, 36.238, 1.551



63, 53.670, 3.537



72, 44.129, 114.244



36, 4.324, 356.677



32, 60.320, 20.152



2, 11.215, 1.706

Previews

White Background



This preview shows how the CIELCh color 53, 34.027, 281.281 looks on a white background.

Color Contrast Check

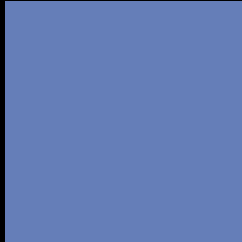
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.027, 281.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

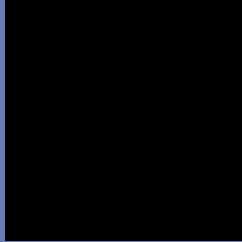
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

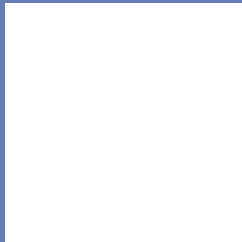
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 34.027, 281.281

Background



This preview shows how black text looks on a background with the CIELCh color 53, 34.027, 281.281.

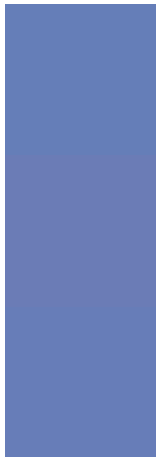


This preview shows how white text looks on a background with the CIELCh color 53, 34.027, 281.281.

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, 34.027, 281.281

Protanopia

53, 33.766, 285.195

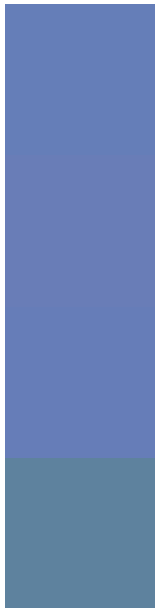
Deuteranopia

53, 34.483, 283.028



Tritanopia
53, 15.887, 221.903

Trichromacy



Original Color
53, 34.027, 281.281

Protanomaly
53, 33.839, 283.687

Deuteranomaly
53, 34.528, 282.567

Tritanomaly
53, 19.652, 254.827

Monochromacy



Original Color
53, 34.027, 281.281

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 12.529, 276.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 34.027, 281.281 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(101, 126, 184)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 184)  
}
```

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(101, 126, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 34.027, 281.281 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(101, 126, 184) }
```

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

```
.border{ border-color:rgb(101, 126, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 126, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 126, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 126, 184);  
box-shadow:4px 4px 4px 4px rgb(101, 126,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 34.027, 281.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 126, 184) }
```

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

```
.background{ background-color: rgb(101,  
126, 184) }
```

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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