

Converting Colors

CIELCh(53, 26.386, 281.861)

Have a look what the booklet for
CIELCh(53, 26.386, 281.861)
contains.

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Color

CIELCh(53, 26.351, 281.823)

Conversions

Conversions Part 1

Format	Color
Hex	6E7EAB
RGB	110, 126, 171
RGB Percent	43%, 49%, 67%
CMY	0.5701, 0.5073, 0.3309
CMYK	0.36, 0.26, 0.00, 0.33
HSL	224°, 27%, 55%
HSV	224°, 36%, 67%
XYZ	21.1131, 21.0462, 41.2851
YIQ	126.3460, -23.9810, 10.6030

Conversions

Conversions Part 2

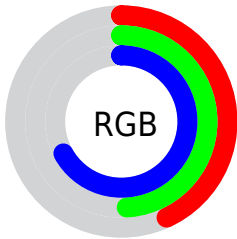
Format	Color
RYB	110, 123, 171
Decimal	7241387
CIELab	53.00, 5.40, -25.79
CIElCh	53, 26.351, 281.823
Yxy	21.0462, 0.2530, 0.2522
Android (android.graphics.Color)	4285431467 (0xFF6E7EAB)
YUV	126.3460, 22.0144, -14.3354
Hunter-Lab	45.8761, 1.8659, -21.2433

Details

The CIELCh color `53, 26.351, 281.823` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `64, 25.779, 92.016`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 25.864, 281.012`, and `33, 26.781, 282.192` is the 20% darker color. If you saturate the color by 10%, you get `48, 34.163, 283.950`, and if you desaturate by 10%, it is `58, 18.746, 279.996`.

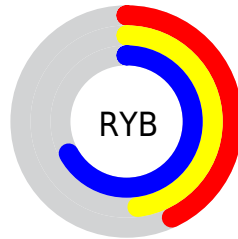
Distribution



Red (43%)

Green (49%)

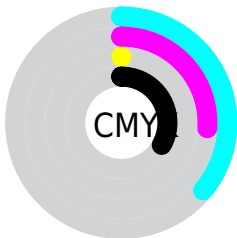
Blue (67%)



Red (43%)

Yellow (48%)

Blue (67%)

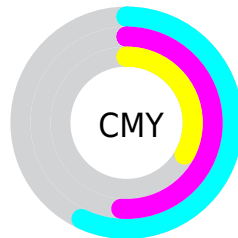


Cyan (36%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (57%)


Magenta (51%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.351, 281.823 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, 26.351, 281.823 by changing the saturation by 10% instead.


 53, 26.351,
281.823


 53, 26.351,
281.823


 100, 26.351,
281.823


 43, 26.351,
281.823


 73, 26.351,
281.823

 33, 26.351,
281.823

 83, 26.351,
281.823

 23, 26.351,
281.823

 93, 26.351,
281.823

 13, 26.351,
281.823

 3, 26.351, 281.823

 0, 26.351, 281.823

■ 53, 26.351,
281.823

■ 53, 26.351,
281.823

■ 48, 34.163,
283.950

■ 58, 18.746,
279.996

■ 44, 42.209,
286.404

■ 62, 11.331,
278.433

■ 39, 50.512,
289.190

■ 67, 4.091, 277.112

■ 35, 59.062,
292.260

■ 72, 2.985, 95.850

■ 31, 67.758,
295.496

■ 77, 9.902, 94.884

■ 27, 76.321,
298.688

■ 81, 16.666, 94.013

■ 26, 79.834,
299.898

■ 86, 23.282, 93.247

■ 90, 29.753, 92.568

■ 94, 35.311, 97.051

Harmonies

Complementary

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



53, 26.351, 281.823



64, 25.779, 92.016

Rectangle

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



53, 26.351, 281.823



53, 26.351, 331.823



53, 26.351, 101.823



53, 26.351, 151.823

Sweetspot

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



53, 26.350, 281.823



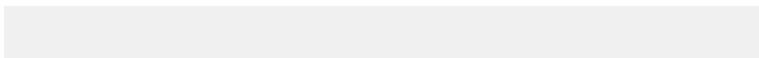
82, 9.754, 277.801



65, 23.557, 174.800



43, 6.616, 277.978



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



53, 26.350, 281.823



63, 39.658, 283.504



50, 36.166, 302.107



33, 4.000, 277.549



22, 71.049, 299.524



2, 7.527, 278.803

Inverse Universe

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



53, 26.499, 2.750



64, 39.800, 4.103



67, 33.440, 117.000



33, 3.949, 359.415



30, 59.159, 23.312



1, 6.945, 1.291

Previews

White Background



This preview shows how the CIELCh color 53, 26.351, 281.823 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, 26.351, 281.823 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

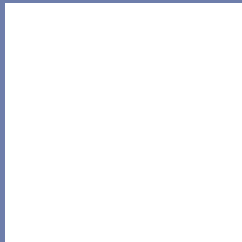
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 26.351, 281.823

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.351, 281.823.



This preview shows how white text looks on a background with the CIELCh color 53, 26.351, 281.823.

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, 26.351, 281.823

Protanopia

53, 26.205, 284.591

Deuteranopia

53, 26.735, 285.554



Tritanopia
53, 11.723, 231.644

Trichromacy



Original Color
53, 26.351, 281.823

Protanomaly
53, 26.246, 283.899

Deuteranomaly
53, 26.810, 284.200

Tritanomaly
53, 15.443, 258.974

Monochromacy



Original Color
53, 26.351, 281.823

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.482, 277.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.351, 281.823 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(110, 126, 171)` looks like.

```
.text, #text, p{  
    color:rgb(110, 126, 171)  
}
```

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(110, 126, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 126, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.351, 281.823 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(110, 126, 171) }
```

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

```
.border{ border-color:rgb(110, 126, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 126, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 126, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 126, 171);  
box-shadow:4px 4px 4px 4px rgb(110, 126,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.351, 281.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 126, 171) }
```

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

```
.background{ background-color: rgb(110,  
126, 171) }
```

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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