

Converting Colors

CIELCh(53, 37.664, 259.035)

Have a look what the booklet for
CIELCh(53, 37.664, 259.035)
contains.

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Color

CIELCh(53, 37.964, 259.577)

Conversions

Conversions Part 1

Format	Color
Hex	2985BE
RGB	41, 133, 190
RGB Percent	16%, 52%, 75%
CMY	0.8411, 0.4773, 0.2537
CMYK	0.79, 0.30, 0.00, 0.25
HSL	203°, 65%, 45%
HSV	203°, 79%, 75%
XYZ	18.6497, 21.0462, 51.9724
YIQ	111.9900, -73.1290, -1.7770

Conversions

Conversions Part 2

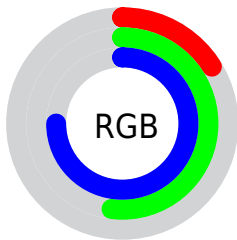
Format	Color
R _Y B	41, 98, 190
Decimal	2721214
CIE Lab	53.00, -6.87, -37.34
CIE LCh	53, 37.964, 259.577
Yxy	21.0462, 0.2034, 0.2296
Android (android.graphics.Color)	4280911294 (0xFF2985BE)
YUV	111.9900, 38.4589, -62.2582
Hunter-Lab	45.8761, -7.7189, -35.0555

Details

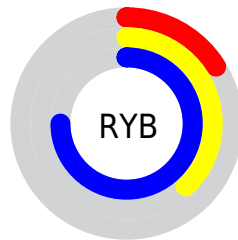
The CIELCh color **53, 37.964, 259.577** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **52, 57.930, 54.902**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 38.043, 259.905**, and **34, 34.990, 268.433** is the 20% darker color. If you saturate the color by 10%, you get **50, 41.540, 264.146**, and if you desaturate by 10%, it is **56, 34.188, 255.595**.

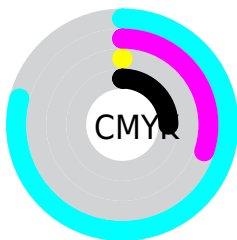
Distribution



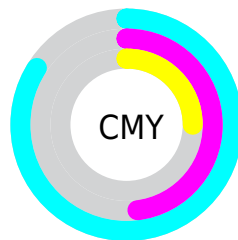
- Red (16%)
- Green (52%)
- Blue (75%)



- Red (16%)
- Yellow (38%)
- Blue (75%)



- Cyan (79%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)





- Cyan (84%)
- Magenta (48%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 37.964, 259.577 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, 37.964, 259.577 by changing the saturation by 10% instead.


 53, 37.964,
259.577


 53, 37.964,
259.577


 100, 37.964,
259.577


 43, 37.964,
259.577


 73, 37.964,
259.577

 33, 37.964,
259.577

 83, 37.964,
259.577

 23, 37.964,
259.577

 93, 37.964,
259.577

 13, 37.964,
259.577

 3, 37.964, 259.577

 0, 37.964, 259.577

■ 53, 37.964,
259.577

■ 53, 37.964,
259.577

■ 50, 41.540,
264.146

■ 56, 34.188,
255.595

■ 48, 45.086,
269.090

■ 58, 30.116,
252.224

■ 48, 45.560,
269.703

■ 61, 25.704,
249.426

■ 65, 20.951,
247.130

■ 68, 15.885,
245.259

■ 71, 10.549,
243.740

■ 74, 4.991, 242.534

■ 78, 0.741, 60.823

Harmonies

Complementary

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



53, 37.964, 259.577



52, 57.930, 54.902

Rectangle

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



53, 37.964, 259.577



53, 37.964, 309.577



53, 37.964, 79.577



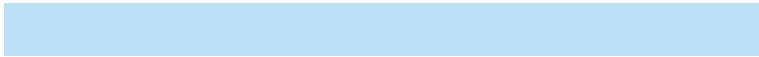
53, 37.964, 129.577

Sweetspot

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



53, 37.963, 259.578



88, 16.568, 244.562



68, 69.279, 147.615



46, 11.394, 245.139



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



53, 37.963, 259.578



63, 53.494, 267.523



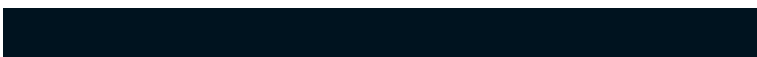
33, 80.040, 299.372



38, 3.221, 242.601



40, 39.307, 268.923



5, 10.280, 256.397

Inverse Universe

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



45, 66.782, 346.324



55, 85.776, 350.126



69, 64.365, 95.549



37, 5.408, 338.390



34, 61.827, 350.877



3, 15.076, 344.526

Previews

White Background



This preview shows how the CIE LCh color 53, 37.964, 259.577 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, 37.964, 259.577 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, 37.964, 259.577

Background



This preview shows how black text looks on a background with the CIELCh color 53, 37.964, 259.577.

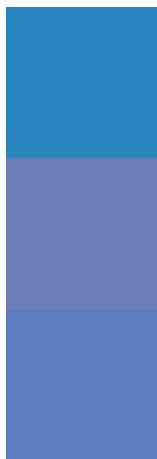


This preview shows how white text looks on a background with the CIELCh color 53, 37.964, 259.577.

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

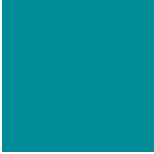
53, 37.908, 259.729

Protanopia

53, 33.766, 285.195

Deuteranopia

53, 39.357, 281.355



Tritanopia
53, 30.963, 208.673

Trichromacy



Original Color
53, 37.908, 259.729

Protanomaly
52, 35.160, 273.342

Deuteranomaly
53, 38.364, 272.345

Tritanomaly
53, 30.858, 227.985

Monochromacy



Original Color
53, 37.908, 259.729

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 16.189, 245.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 37.964, 259.577 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(41, 133, 190)` looks like.

```
.text, #text, p{  
    color:rgb(41, 133, 190)  
}
```

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(41, 133, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 133, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 37.964, 259.577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

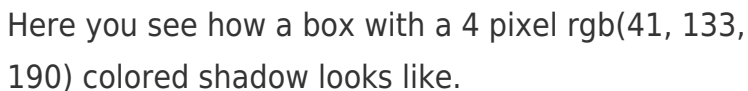
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 133, 190) }
```

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

```
.border{ border-color:rgb(41, 133, 190) }
```

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



Here you see how a box with a 4 pixel rgb(41, 133, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 133, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 133, 190);  
box-shadow:4px 4px 4px 4px rgb(41, 133,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 37.964, 259.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 133, 190) }
```

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

```
.background{ background-color: rgb(41, 133,  
190) }
```

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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