

Converting Colors

CIELCh(53, 3.303, 225.939)

Have a look what the booklet for
CIELCh(53, 3.303, 225.939) contains.

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Color

CIELCh(53, 3.297, 219.797)

Conversions

Conversions Part 1

Format	Color
Hex	788082
RGB	120, 128, 130
RGB Percent	47%, 50%, 51%
CMY	0.5294, 0.4980, 0.4902
CMYK	0.08, 0.02, 0.00, 0.49
HSL	192°, 4%, 49%
HSV	192°, 8%, 51%
XYZ	19.4970, 21.0462, 24.1570
YIQ	125.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

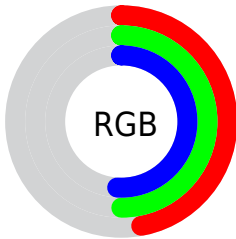
Format	Color
R_{YB}	120, 124, 130
Decimal	7897218
CIE _{Lab}	53.00, -2.53, -2.11
CIE _{LCh}	53, 3.297, 219.797
Yxy	21.0462, 0.3013, 0.3253
Android (android.graphics.Color)	4286087298 (0xFF788082)
YUV	125.8360, 2.0529, -5.1182
Hunter-Lab	45.8761, -4.4222, 0.8930

Details

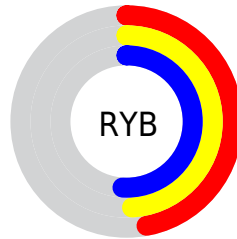
The CIELCh color **53, 3.297, 219.797** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 3.450, 39.196**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 3.453, 217.642**, and **33, 3.170, 222.572** is the 20% darker color. If you saturate the color by 10%, you get **51, 7.391, 220.085**, and if you desaturate by 10%, it is **55, 1.008, 39.011**.

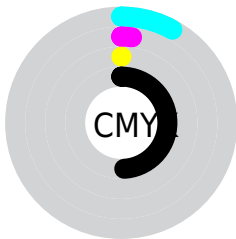
Distribution



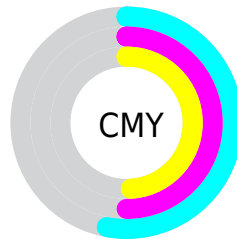
- Red (47%)
- Green (50%)
- Blue (51%)



- Red (47%)
- Yellow (49%)
- Blue (51%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 3.297, 219.797 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, 3.297, 219.797 by changing the saturation by 10% instead.

■ 53, 3.297, 219.797

■ 53, 3.297, 219.797

■ 100, 3.297,
219.797

■ 43, 3.297, 219.797

■ 73, 3.297, 219.797

■ 33, 3.297, 219.797

■ 83, 3.297, 219.797

■ 23, 3.297, 219.797

■ 93, 3.297, 219.797

■ 13, 3.297, 219.797

■ 3, 3.297, 219.797

■ 0, 3.297, 219.797

■ 53, 3.297, 219.797

■ 53, 3.297, 219.797

■ 51, 7.391, 220.085

■ 55, 1.008, 39.011

■ 50, 11.218,

■ 57, 5.477, 39.183

220.610

59, 10.069, 39.146

48, 14.719,
221.352

60, 14.749, 39.150

47, 17.833,
222.358

62, 19.490, 39.193

45, 20.504,
223.687

65, 24.268, 39.269

44, 22.689,
225.409

67, 29.067, 39.369

69, 33.872, 39.488

43, 24.368,
227.598

71, 38.671, 39.619

42, 25.557,
230.328

41, 26.388,
233.532

Harmonies

Complementary

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



53, 3.297, 219.797



52, 3.450, 39.196

Rectangle

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



53, 3.297, 219.797



53, 3.297, 269.797



53, 3.297, 39.797



53, 3.297, 89.797

Sweetspot

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



53, 3.297, 219.772



69, 1.073, 219.943



53, 6.207, 149.520



36, 0.608, 219.973



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 3.297, 219.772



67, 4.747, 219.801



52, 4.141, 273.416



26, 2.370, 219.799



40, 26.207, 234.182



0, 0.000, 0.000

Inverse Universe

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



52, 6.153, 330.943



65, 8.899, 331.040



53, 4.131, 91.488



25, 4.441, 331.032



28, 59.477, 337.773



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 3.297, 219.797 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, 3.297, 219.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

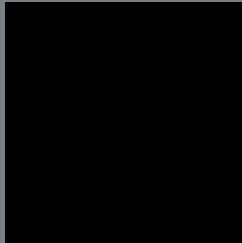
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

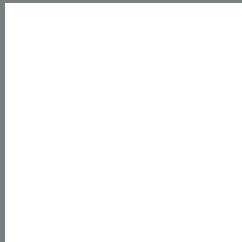
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 3.297, 219.797

Background



This preview shows how black text looks on a background with the CIELCh color 53, 3.297, 219.797.



This preview shows how white text looks on a background with the CIELCh color 53, 3.297, 219.797.

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, 3.297, 219.797

Protanopia

53, 1.922, 314.697

Deuteranopia

53, 6.963, 338.569



Tritanopia
53, 6.175, 269.202

Trichromacy



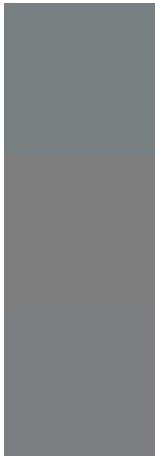
Original Color
53, 3.297, 219.797

Protanomaly
53, 1.392, 255.975

Deuteranomaly
53, 4.018, 319.958

Tritanomaly
53, 4.621, 260.763

Monochromacy



Original Color
53, 3.297, 219.797

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.184, 199.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 3.297, 219.797 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(120, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(120, 128, 130)  
}
```

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(120, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 128, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 3.297, 219.797 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(120, 128, 130) }
```

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

```
.border{ border-color:rgb(120, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(120, 128,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 3.297, 219.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 128, 130) }
```

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

```
.background{ background-color: rgb(120,  
128, 130) }
```

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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