

Converting Colors

CIELCh(53, 17.989, 292.391)

Have a look what the booklet for
CIELCh(53, 17.989, 292.391)
contains.

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Color

CIELCh(53, 17.964, 292.376)

Conversions

Conversions Part 1

Format	Color
Hex	7C7C9B
RGB	124, 124, 155
RGB Percent	49%, 49%, 61%
CMY	0.5139, 0.5139, 0.3924
CMYK	0.20, 0.20, 0.00, 0.39
HSL	240°, 13%, 55%
HSV	240°, 20%, 61%
XYZ	21.4156, 21.0462, 33.9178
YIQ	127.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

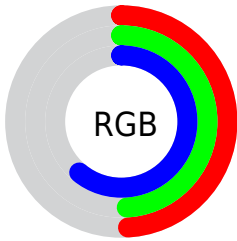
Format	Color
R_{YB}	124, 124, 155
Decimal	8158363
CIE _{Lab}	53.00, 6.84, -16.61
CIE _{LCh}	53, 17.964, 292.376
Yxy	21.0462, 0.2804, 0.2755
Android (android.graphics.Color)	4286348443 (0xFF7C7C9B)
YUV	127.5340, 13.5407, -3.0993
Hunter-Lab	45.8761, 3.0431, -11.7218

Details

The CIELCh color $53, 17.964, 292.376$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $63, 17.170, 108.286$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 18.503, 293.012$, and $33, 18.309, 293.297$ is the 20% darker color. If you saturate the color by 10%, you get $47, 27.502, 293.767$, and if you desaturate by 10%, it is $58, 8.809, 291.191$.

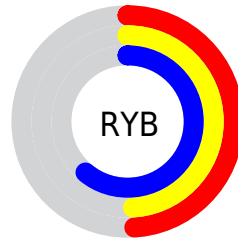
Distribution



Red (49%)

Green (49%)

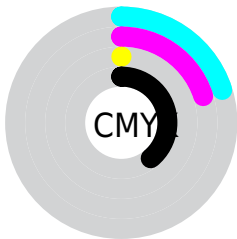
Blue (61%)



Red (49%)

Yellow (49%)

Blue (61%)

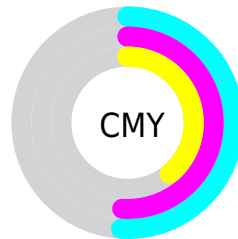


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (51%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 17.964, 292.376 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, 17.964, 292.376 by changing the saturation by 10% instead.

■ 53, 17.964,
292.376

■ 53, 17.964,
292.376

■ 100, 17.964,
292.376

■ 43, 17.964,
292.376

■ 73, 17.964,
292.376

■ 33, 17.964,
292.376

■ 83, 17.964,
292.376

■ 23, 17.964,
292.376

■ 93, 17.964,
292.376

■ 13, 17.964,
292.376

■ 3, 17.964, 292.376

■ 0, 17.964, 292.376

■ 53, 17.964,
292.376

■ 53, 17.964,
292.376

■ 47, 27.502,
293.767

■ 58, 8.809, 291.191

■ 64, 0.013, 294.159

■ 42, 37.446,
295.390

■ 69, 8.452, 109.311

■ 37, 47.785,
297.253

■ 75, 16.610,
108.580

■ 31, 58.421,
299.322

■ 80, 24.483,
107.952

■ 27, 69.041,
301.492

■ 85, 32.091,
107.411

■ 22, 78.917,
303.548


■ 91, 39.451,
106.943

■ 19, 86.779,
305.175

■ 96, 46.578,
106.537

■ 17, 92.236,

306.286

 98, 49.775,
106.370

Harmonies

Complementary

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



53, 17.964, 292.376



63, 17.170, 108.286

Rectangle

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



53, 17.964, 292.376



53, 17.964, 342.376



53, 17.964, 112.376



53, 17.964, 162.376

Sweetspot

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



53, 17.963, 292.375



77, 6.496, 290.783



62, 11.307, 196.935



40, 4.347, 290.843



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



53, 17.963, 292.375



65, 26.931, 292.969



54, 18.812, 309.413



29, 4.917, 291.106



15, 85.762, 306.286



0, 5.229, 290.175

Inverse Universe

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



55, 12.821, 20.785



68, 19.372, 21.218



62, 18.298, 127.587



30, 3.439, 19.892



28, 66.111, 39.047



1, 3.595, 19.400

Previews

White Background



This preview shows how the CIELCh color 53, 17.964, 292.376 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, 17.964, 292.376 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, 17.964, 292.376

Background



This preview shows how black text looks on a background with the CIELCh color 53, 17.964, 292.376.



This preview shows how white text looks on a background with the CIELCh color 53, 17.964, 292.376.

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, 17.964, 292.376

Protanopia

53, 18.022, 285.602

Deuteranopia

53, 17.964, 292.376



Tritanopia
53, 6.175, 269.202

Trichromacy



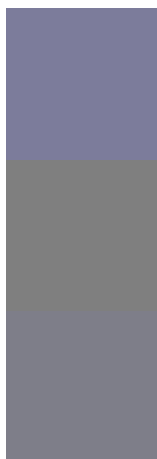
Original Color
53, 17.964, 292.376

Protanomaly
53, 17.969, 287.828

Deuteranomaly
53, 17.964, 292.376

Tritanomaly
53, 10.493, 283.309

Monochromacy



Original Color
53, 17.964, 292.376

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.368, 290.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 17.964, 292.376 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(124, 124, 155)` looks like.

```
.text, #text, p{  
    color:rgb(124, 124, 155)  
}
```

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(124, 124, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 124, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 17.964, 292.376 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(124, 124, 155) }
```

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

```
.border{ border-color:rgb(124, 124, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 124, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 124, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 124, 155);  
box-shadow:4px 4px 4px 4px rgb(124, 124,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 17.964, 292.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 124, 155) }
```

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

```
.background{ background-color: rgb(124,  
124, 155) }
```

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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