

Converting Colors

CIELCh(53, 19.169, 242.737)

Have a look what the booklet for
CIELCh(53, 19.169, 242.737)
contains.

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Color

CIELCh(53, 19.169, 242.737)

Conversions

Conversions Part 1

Format	Color
Hex	58849B
RGB	88, 132, 155
RGB Percent	35%, 52%, 61%
CMY	0.6538, 0.4812, 0.3910
CMYK	0.43, 0.15, 0.00, 0.39
HSL	201°, 28%, 48%
HSV	201°, 43%, 61%
XYZ	18.2838, 21.0462, 34.2401
YIQ	121.4660, -33.6070, -2.1750

Conversions

Conversions Part 2

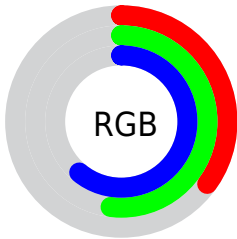
Format	Color
R_{YB}	88, 115, 155
Decimal	5801115
CIE _{Lab}	53.00, -8.78, -17.04
CIE _{LCh}	53, 19.169, 242.737
Yxy	21.0462, 0.2485, 0.2861
Android (android.graphics.Color)	4283991195 (0xFF58849B)
YUV	121.4660, 16.5323, -29.3497
Hunter-Lab	45.8761, -9.1426, -12.1385

Details

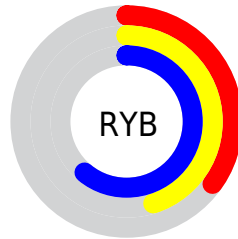
The CIELCh color $53, 19.169, 242.737$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 24.412, 53.775$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 18.995, 242.224$, and $33, 19.092, 242.317$ is the 20% darker color. If you saturate the color by 10%, you get $51, 22.872, 245.006$, and if you desaturate by 10%, it is $55, 15.139, 240.898$.

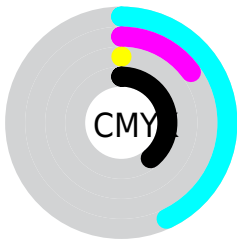
Distribution



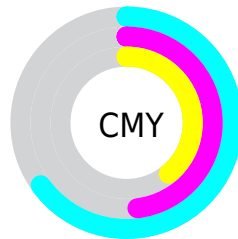
- Red (35%)
- Green (52%)
- Blue (61%)



- Red (35%)
- Yellow (45%)
- Blue (61%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 19.169, 242.737 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, 19.169, 242.737 by changing the saturation by 10% instead.

■ 53, 19.169,
242.737

■ 53, 19.169,
242.737

■ 100, 19.169,
242.737

■ 43, 19.169,
242.737

■ 73, 19.169,
242.737

■ 33, 19.169,
242.737

■ 83, 19.169,
242.737

■ 23, 19.169,
242.737

■ 93, 19.169,
242.737

■ 13, 19.169,
242.737

■ 3, 19.169, 242.737

■ 0, 19.169, 242.737

■ 53, 19.169,
242.737

■ 53, 19.169,
242.737

■ 51, 22.872,
245.006

■ 55, 15.139,
240.898

■ 48, 26.226,
247.793

■ 58, 10.825,
239.420

■ 46, 29.231,
251.166

■ 61, 6.274, 238.244

■ 44, 31.931,
255.168

■ 63, 1.529, 237.468

■ 66, 3.364, 56.298

■ 42, 34.419,
259.772

■ 69, 8.371, 55.724

■ 41, 36.134,
263.003

■ 71, 13.459, 55.213

■ 74, 18.602, 54.786

■ 77, 23.778, 54.428

Harmonies

Complementary

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



53, 19.169, 242.737



51, 24.412, 53.775

Rectangle

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



53, 19.169, 242.737



53, 19.169, 292.737



53, 19.169, 62.737



53, 19.169, 112.737

Sweetspot

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



53, 19.168, 242.735



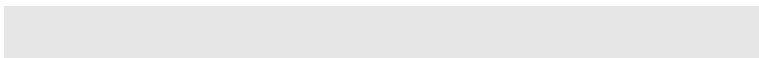
77, 7.667, 238.255



59, 35.828, 151.834



40, 5.386, 238.477



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, 19.168, 242.735



65, 27.676, 244.971



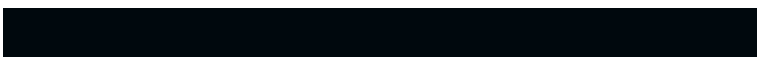
43, 33.564, 288.792



31, 2.683, 237.863



37, 33.360, 262.500



2, 2.951, 238.319

Inverse Universe

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



47, 36.134, 339.497



56, 52.960, 340.479



60, 31.383, 97.503



30, 4.667, 336.697



30, 57.887, 347.613



1, 4.965, 336.568

Previews

White Background



This preview shows how the CIELCh color 53, 19.169, 242.737 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, 19.169, 242.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

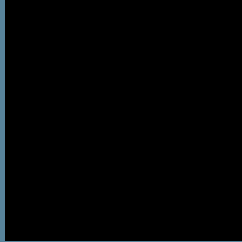
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 19.169, 242.737

Background



This preview shows how black text looks on a background with the CIELCh color 53, 19.169, 242.737.



This preview shows how white text looks on a background with the CIELCh color 53, 19.169, 242.737.

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, 19.169, 242.737

Protanopia

53, 14.521, 286.215

Deuteranopia

53, 19.119, 290.388



Tritanopia
53, 17.493, 219.444

Trichromacy



Original Color
53, 19.169, 242.737

Protanomaly
53, 15.197, 265.760

Deuteranomaly
53, 17.596, 272.611

Tritanomaly
53, 17.860, 229.600

Monochromacy



Original Color
53, 19.169, 242.737

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 7.495, 237.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 19.169, 242.737 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(88, 132, 155)` looks like.

```
.text, #text, p{  
    color:rgb(88, 132, 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(88, 132, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 132, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 19.169, 242.737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

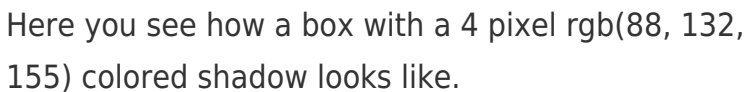
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 132, 155) }
```

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

```
.border{ border-color:rgb(88, 132, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 132, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(88, 132, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(88, 132, 155); box-shadow:4px 4px 4px 4px rgb(88, 132, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 19.169, 242.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 132, 155) }
```

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

```
.background{ background-color: rgb(88, 132,  
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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