

Converting Colors

CIELCh(53, 5.918, 224.099)

Have a look what the booklet for
CIELCh(53, 5.918, 224.099) contains.

CIELCh(53, 5.765, 222.700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 5.765, 222.700)

Conversions

Conversions Part 1

Format	Color
Hex	738185
RGB	115, 129, 133
RGB Percent	45%, 51%, 52%
CMY	0.5489, 0.4940, 0.4783
CMYK	0.14, 0.03, 0.00, 0.48
HSL	193°, 7%, 49%
HSV	193°, 14%, 52%
XYZ	19.1610, 21.0462, 25.2500
YIQ	125.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

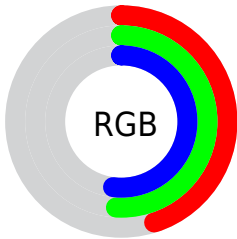
Format	Color
R_{YB}	115, 123, 133
Decimal	7569797
CIE Lab	53.00, -4.24, -3.91
CIE LCh	53, 5.765, 222.700
Yxy	21.0462, 0.2927, 0.3215
Android (android.graphics.Color)	4285759877 (0xFF738185)
YUV	125.2700, 3.8109, -9.0068
Hunter-Lab	45.8761, -5.7294, -0.5197

Details

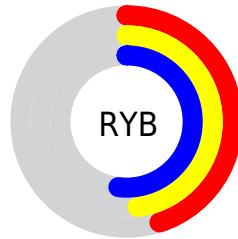
The CIELCh color $53, 5.765, 222.700$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 6.253, 41.646$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 5.795, 221.137$, and $33, 5.790, 224.674$ is the 20% darker color. If you saturate the color by 10%, you get $51, 9.751, 223.252$, and if you desaturate by 10%, it is $55, 1.541, 222.446$.

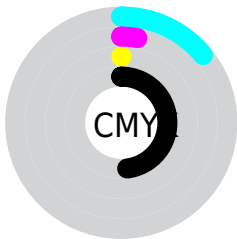
Distribution



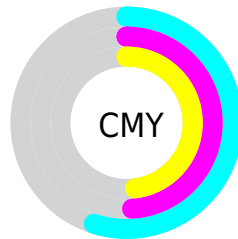
- Red (45%)
- Green (51%)
- Blue (52%)



- Red (45%)
- Yellow (48%)
- Blue (52%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (48%)



- Cyan (55%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 5.765, 222.700 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, 5.765, 222.700 by changing the saturation by 10% instead.

■ 53, 5.765, 222.700

■ 53, 5.765, 222.700

■ 100, 5.765,
222.700

■ 43, 5.765, 222.700

■ 73, 5.765, 222.700

■ 33, 5.765, 222.700

■ 83, 5.765, 222.700

■ 23, 5.765, 222.700

■ 93, 5.765, 222.700

■ 13, 5.765, 222.700

■ 3, 5.765, 222.700

■ 0, 5.765, 222.700

■ 53, 5.765, 222.700

■ 53, 5.765, 222.700

■ 51, 9.751, 223.252

■ 55, 1.541, 222.446

■ 49, 13.443,

■ 57, 2.871, 41.748

224.042

59, 7.426, 41.633

48, 16.781,
225.098

61, 12.087, 41.532

46, 19.707,
226.481

63, 16.824, 41.480

45, 22.174,
228.262

65, 21.610, 41.470

43, 24.156,
230.521

67, 26.427, 41.494

42, 25.657,
233.338

69, 31.257, 41.543

41, 26.731,
236.765

40, 27.363,
239.079

Harmonies

Complementary

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



53, 5.765, 222.700



51, 6.253, 41.646

Rectangle

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



53, 5.765, 222.700



53, 5.765, 272.700



53, 5.765, 42.700



53, 5.765, 92.700

Sweetspot

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



53, 5.765, 222.687



70, 2.165, 222.431



54, 10.896, 150.257



36, 1.529, 222.425



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 5.765, 222.687



67, 8.404, 222.825



50, 7.739, 276.640



27, 2.423, 222.512



40, 26.911, 238.978



0, 0.593, 222.086

Inverse Universe

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



51, 10.894, 332.124



63, 16.021, 332.308



54, 7.700, 93.317



26, 4.517, 331.838



29, 59.358, 339.129



0, 1.075, 331.310

Previews

White Background



This preview shows how the CIELCh color 53, 5.765, 222.700 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, 5.765, 222.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

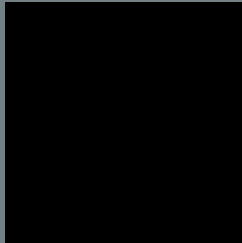
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

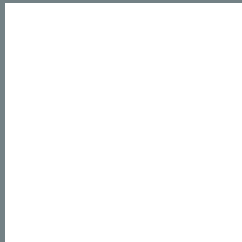
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 5.765, 222.700

Background



This preview shows how black text looks on a background with the CIELCh color 53, 5.765, 222.700.



This preview shows how white text looks on a background with the CIELCh color 53, 5.765, 222.700.

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, 5.765, 222.700

Protanopia

53, 2.930, 298.242

Deuteranopia

53, 7.964, 327.236



Tritanopia
53, 7.241, 252.397

Trichromacy



Original Color
53, 5.765, 222.700

Protanomaly
53, 3.260, 262.114

Deuteranomaly
53, 5.362, 303.396

Tritanomaly
53, 6.401, 245.604

Monochromacy



Original Color
53, 5.765, 222.700

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.260, 230.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 5.765, 222.700 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(115, 129, 133)` looks like.

```
.text, #text, p{  
    color:rgb(115, 129, 133)  
}
```

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(115, 129, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 129, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 5.765, 222.700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

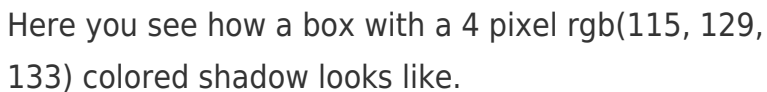
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 129, 133) }
```

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

```
.border{ border-color:rgb(115, 129, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 129, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 129, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 129, 133); box-shadow:4px 4px 4px 4px rgb(115, 129, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 5.765, 222.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 129, 133) }
```

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

```
.background{ background-color: rgb(115,  
129, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor