

Converting Colors

CIELCh(55, 27.770, 210.304)

Have a look what the booklet for
CIELCh(55, 27.770, 210.304)
contains.

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Color

CIELCh(55, 27.721, 210.339)

Conversions

Conversions Part 1

Format	Color
Hex	2F909B
RGB	47, 144, 155
RGB Percent	18%, 56%, 61%
CMY	0.8155, 0.4352, 0.3920
CMYK	0.70, 0.07, 0.00, 0.39
HSL	186°, 53%, 40%
HSV	186°, 70%, 61%
XYZ	17.0719, 22.9298, 34.5515
YIQ	116.2510, -61.3430, -17.1430

Conversions

Conversions Part 2

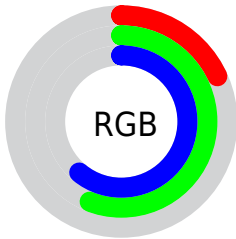
Format	Color
RYB	47, 98, 155
Decimal	3117211
CIELab	55.00, -23.92, -14.00
CIElCh	55, 27.721, 210.339
Yxy	22.9298, 0.2290, 0.3076
Android (android.graphics.Color)	4281307291 (0xFF2F909B)
YUV	116.2510, 19.1033, -60.7331
Hunter-Lab	47.8851, -20.1603, -9.2611




Details

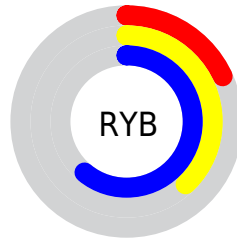
The CIELCh color **55, 27.721, 210.339** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 48.583, 34.985**, and the grayscale version is **49, 0.007, 296.813**.




A 20% lighter version of the original color is **75, 27.707, 209.989**, and **36, 23.084, 214.248** is the 20% darker color. If you saturate the color by 10%, you get **54, 29.345, 211.348**, and if you desaturate by 10%, it is **56, 25.403, 209.597**.

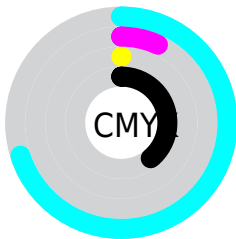
Distribution







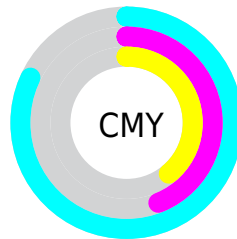
-  Red (18%)
-  Green (56%)
-  Blue (61%)






-  Red (18%)
-  Yellow (38%)
-  Blue (61%)



-  Cyan (70%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (39%)





-  Cyan (82%)
-  Magenta (44%)
-  Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 27.721, 210.339 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 55, 27.721, 210.339 by changing the saturation by 10% instead.


 55, 27.721,
210.339


 55, 27.721,
210.339


 100, 27.721,
210.339


 45, 27.721,
210.339


 75, 27.721,
210.339

 35, 27.721,
210.339

 85, 27.721,
210.339

 25, 27.721,
210.339

 95, 27.721,
210.339

 15, 27.721,
210.339

 5, 27.721, 210.339

 0, 27.721, 210.339

■ 55, 27.721,
210.339

■ 55, 27.721,
210.339

■ 54, 29.345,
211.348

■ 56, 25.403,
209.597

■ 53, 30.296,
212.663

■ 57, 22.415,
209.086

■ 53, 30.753,
214.238

■ 58, 18.812,
208.771

■ 53, 30.768,
214.293

■ 59, 14.668,
208.619

■ 61, 10.065,
208.606

■ 62, 5.087, 208.728

■ 64, 0.188, 26.343

■ 66, 5.688, 28.942

Harmonies

Complementary

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



55, 27.721, 210.339



38, 48.583, 34.985

Rectangle

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



55, 27.721, 210.339



55, 27.721, 260.339



55, 27.721, 30.339



55, 27.721, 80.339

Sweetspot

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



55, 27.720, 210.338



77, 13.238, 208.599



56, 65.118, 140.673



40, 8.954, 208.596



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



55, 27.720, 210.338



69, 36.415, 212.096



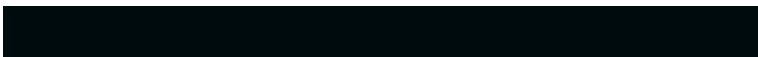
38, 40.440, 280.510



32, 2.950, 208.737



48, 28.615, 214.118



3, 3.237, 209.891

Inverse Universe

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



40, 63.384, 331.218



48, 85.958, 332.003



50, 42.846, 75.961



30, 5.539, 327.823



32, 68.501, 332.643



1, 5.909, 327.651

Previews

White Background



This preview shows how the CIELCh color 55, 27.721, 210.339 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 55, 27.721, 210.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

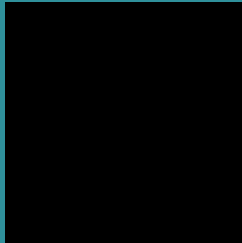
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 27.721, 210.339

Background



This preview shows how black text looks on a background with the CIELCh color 55, 27.721, 210.339.



This preview shows how white text looks on a background with the CIELCh color 55, 27.721, 210.339.

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
55, 27.721, 210.339

Protanopia
55, 9.208, 288.957

Deuteranopia
55, 17.887, 294.615



Tritanopia
55, 27.720, 211.599

Trichromacy



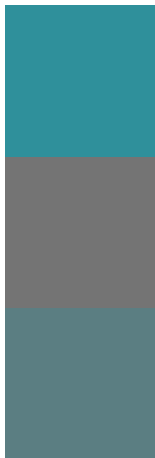
Original Color
55, 27.721, 210.339

Protanomaly
54, 14.619, 232.117

Deuteranomaly
54, 17.571, 250.993

Tritanomaly
55, 27.720, 211.599

Monochromacy



Original Color
55, 27.721, 210.339

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 12.847, 208.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 27.721, 210.339 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(47, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(47, 144, 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(47, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 144, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 27.721, 210.339 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(47, 144, 155) }
```

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

```
.border{ border-color:rgb(47, 144, 155) }
```

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

Here you see how a box with a 4 pixel rgb(47, 144, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(47, 144,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 27.721, 210.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 144, 155) }
```

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

```
.background{ background-color: rgb(47, 144,  
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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