

Converting Colors

CIELCh(51, 10.959, 218.764)

Have a look what the booklet for
CIELCh(51, 10.959, 218.764)
contains.

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Color

CIELCh(51, 10.907, 220.555)

Conversions

Conversions Part 1

Format	Color
Hex	627E85
RGB	98, 126, 133
RGB Percent	38%, 49%, 52%
CMY	0.6150, 0.5052, 0.4778
CMYK	0.26, 0.05, 0.00, 0.48
HSL	192°, 15%, 45%
HSV	192°, 26%, 52%
XYZ	16.7825, 19.2686, 25.0862
YIQ	118.4260, -18.9350, -3.7590

Conversions

Conversions Part 2

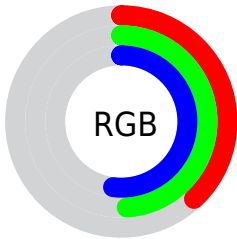
Format	Color
R_{YB}	98, 114, 133
Decimal	6454917
CIE _{Lab}	51.00, -8.29, -7.09
CIE _{LCh}	51, 10.907, 220.555
Yxy	19.2686, 0.2745, 0.3152
Android (android.graphics.Color)	4284644997 (0xFF627E85)
YUV	118.4260, 7.1850, -17.9136
Hunter-Lab	43.8960, -8.5734, -3.1565

Details

The CIELCh color **51, 10.907, 220.555** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47, 12.948, 39.174**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 10.791, 219.514**, and **31, 10.971, 222.256** is the 20% darker color. If you saturate the color by 10%, you get **49, 14.526, 221.263**, and if you desaturate by 10%, it is **53, 6.964, 220.049**.

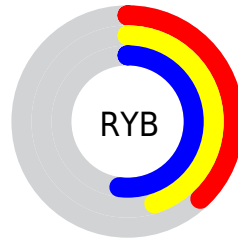
Distribution



Red (38%)

Green (49%)

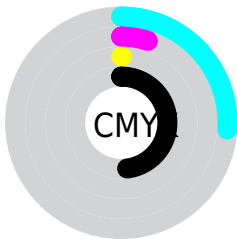
Blue (52%)



Red (38%)

Yellow (45%)

Blue (52%)

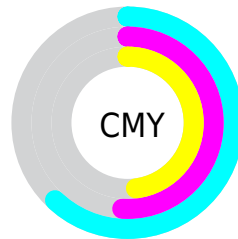


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (48%)



Cyan (62%)


Magenta (51%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 10.907, 220.555 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 51, 10.907, 220.555 by changing the saturation by 10% instead.


 51, 10.907,
220.555


 51, 10.907,
220.555


 100, 10.907,
220.555


 41, 10.907,
220.555


 71, 10.907,
220.555

 31, 10.907,
220.555

 81, 10.907,
220.555

 21, 10.907,
220.555

 91, 10.907,
220.555

 11, 10.907,
220.555

 1, 10.907, 220.555

 0, 10.907, 220.555

■ 51, 10.907,
220.555

■ 51, 10.907,
220.555

■ 49, 14.526,
221.263

■ 53, 6.964, 220.049

■ 48, 17.757,
222.235

■ 54, 2.756, 219.777

■ 56, 1.661, 39.154

■ 46, 20.542,
223.523

■ 58, 6.238, 39.195

■ 45, 22.835,
225.196

■ 60, 10.936, 39.162

■ 62, 15.719, 39.171

■ 44, 24.612,
227.331

■ 64, 20.561, 39.220

■ 43, 25.884,
230.000

■ 66, 25.438, 39.300

■ 68, 30.334, 39.403

■ 42, 26.745,
233.200

■ 41, 27.055,

234.398

Harmonies

Complementary

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



51, 10.907, 220.555



47, 12.948, 39.174

Rectangle

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



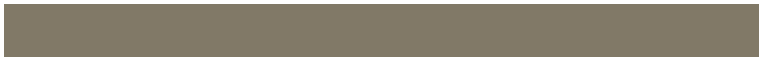
51, 10.907, 220.555



51, 10.907, 270.555



51, 10.907, 40.555



51, 10.907, 90.555

Sweetspot

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



51, 10.907, 220.549



69, 4.333, 219.801



52, 21.765, 148.117



36, 3.057, 219.829



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 10.907, 220.549



64, 16.110, 220.982



46, 14.648, 276.172



27, 2.448, 219.820



40, 26.590, 234.301



0, 0.599, 219.488

Inverse Universe

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



46, 21.594, 332.138



57, 32.569, 332.560



52, 14.657, 89.220



26, 4.588, 331.042



29, 60.308, 337.805



0, 1.092, 330.524

Previews

White Background



This preview shows how the CIE LCh color 51, 10.907, 220.555 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 51, 10.907, 220.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

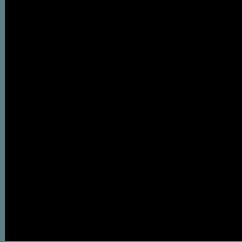
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

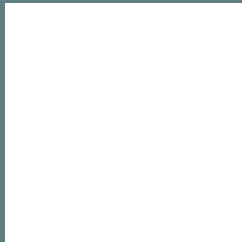
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 10.907, 220.555

Background



This preview shows how black text looks on a background with the CIELCh color 51, 10.907, 220.555.



This preview shows how white text looks on a background with the CIELCh color 51, 10.907, 220.555.

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
51, 10.907, 220.555

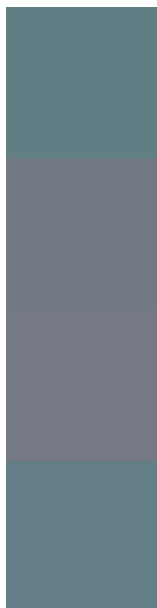
Protanopia
51, 5.859, 294.736

Deuteranopia
51, 10.566, 310.617



Tritanopia
51, 11.229, 229.999

Trichromacy



Original Color
51, 10.907, 220.555

Protanomaly
51, 6.204, 257.239

Deuteranomaly
51, 7.703, 279.752

Tritanomaly
51, 10.991, 227.201

Monochromacy



Original Color
51, 10.907, 220.555

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 4.415, 214.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 10.907, 220.555 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(98, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(98, 126, 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(98, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 126, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 10.907, 220.555 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(98, 126, 133) }
```

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

```
.border{ border-color:rgb(98, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(98, 126,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 10.907, 220.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 126, 133) }
```

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

```
.background{ background-color: rgb(98, 126,  
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](#).

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