

Converting Colors

CIELCh(52, 5.810, 324.545)

Have a look what the booklet for
CIELCh(52, 5.810, 324.545) contains.

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Color

CIELCh(52, 5.651, 324.732)

Conversions

Conversions Part 1

Format	Color
Hex	827A82
RGB	130, 122, 130
RGB Percent	51%, 48%, 51%
CMY	0.4917, 0.5230, 0.4917
CMYK	0.00, 0.06, 0.00, 0.49
HSL	300°, 3%, 49%
HSV	300°, 6%, 51%
XYZ	20.0651, 20.1443, 23.8165
YIQ	125.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

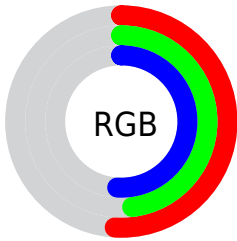
Format	Color
R_{YB}	130, 122, 130
Decimal	8551042
CIE Lab	52.00, 4.61, -3.26
CIE LCh	52, 5.651, 324.732
Yxy	20.1443, 0.3134, 0.3146
Android (android.graphics.Color)	4286741122 (0xFF827A82)
YUV	125.3040, 2.3151, 4.1184
Hunter-Lab	44.8824, 1.2556, -0.0440

Details

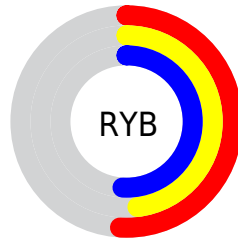
The CIELCh color `52, 5.651, 324.732` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `53, 5.637, 144.135`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 5.967, 324.668`, and `32, 6.152, 324.911` is the 20% darker color. If you saturate the color by 10%, you get `48, 14.882, 325.280`, and if you desaturate by 10%, it is `56, 3.470, 144.297`.

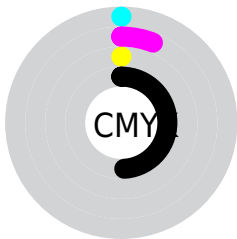
Distribution



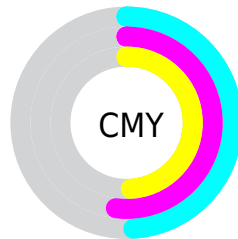
- Red (51%)
- Green (48%)
- Blue (51%)



- Red (51%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.651, 324.732 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 52, 5.651, 324.732 by changing the saturation by 10% instead.

■ 52, 5.651, 324.732

■ 52, 5.651, 324.732

■ 100, 5.651,
324.732

■ 42, 5.651, 324.732

■ 72, 5.651, 324.732

■ 32, 5.651, 324.732

■ 82, 5.651, 324.732

■ 22, 5.651, 324.732

■ 92, 5.651, 324.732

■ 12, 5.651, 324.732

■ 2, 5.651, 324.732

■ 0, 5.651, 324.732

■ 52, 5.651, 324.732

■ 52, 5.651, 324.732

■ 48, 14.882,
325.280

■ 56, 3.470, 144.297

■ 59, 12.403,

45, 24.113,
325.806

143.747

42, 33.175,
326.311

63, 21.103,
143.248

39, 41.841,
326.784

67, 29.550,
142.774

36, 49.825,
327.210

71, 37.735,
142.325

34, 56.801,
327.572

74, 45.659,
141.903

32, 62.450,
327.859

78, 53.330,
141.507

31, 66.527,
328.063

82, 60.759,
141.137

30, 69.080,
328.188

86, 67.958,
140.793

Harmonies

Complementary

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



52, 5.651, 324.732



53, 5.637, 144.135

Rectangle

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



52, 5.651, 324.732



52, 5.651, 14.732



52, 5.651, 144.732



52, 5.651, 194.732

Sweetspot

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



52, 5.649, 324.732



68, 2.266, 324.449



51, 4.580, 290.121



35, 1.282, 324.433



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 5.649, 324.732



66, 7.942, 324.789



52, 4.018, 343.172



25, 4.077, 324.795



30, 69.130, 328.231



0, 0.000, 0.000

Inverse Universe

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



52, 3.237, 19.642



66, 4.566, 19.723



53, 3.983, 162.356



25, 2.345, 19.731



25, 61.100, 38.345



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 5.651, 324.732 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 52, 5.651, 324.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

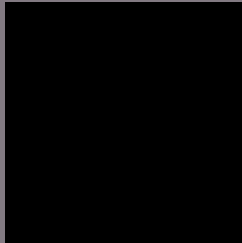
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

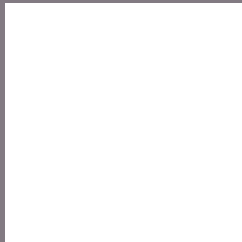
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 5.651, 324.732

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.651, 324.732.



This preview shows how white text looks on a background with the CIELCh color 52, 5.651, 324.732.

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

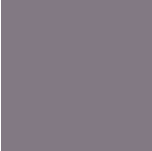
52, 5.651, 324.732

Protanopia

52, 4.675, 295.556

Deuteranopia

52, 7.803, 332.199



Tritanopia
52, 6.845, 322.045

Trichromacy



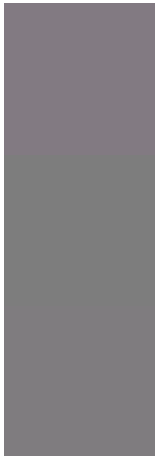
Original Color
52, 5.651, 324.732

Protanomaly
52, 4.253, 306.765

Deuteranomaly
52, 6.839, 330.359

Tritanomaly
52, 6.360, 324.777

Monochromacy



Original Color
52, 5.651, 324.732

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.125, 324.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.651, 324.732 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(130, 122, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 122, 130)  
}
```

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(130, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 122, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.651, 324.732 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(130, 122, 130) }
```

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

```
.border{ border-color:rgb(130, 122, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 122,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.651, 324.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 122, 130) }
```

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

```
.background{ background-color: rgb(130,  
122, 130) }
```

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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