

Converting Colors

CIELCh(68, 52.725, 25.829)

Have a look what the booklet for
CIELCh(68, 52.725, 25.829) contains.

| | |
|--|----|
| CIELCh(68, 52.597, 25.685) | 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(68, 52.597, 25.685)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FD807F |
| RGB | 253, 128, 127 |
| RGB Percent | 99%, 50%, 50% |
| CMY | 0.0068, 0.4971, 0.5011 |
| CMYK | 0.00, 0.49, 0.50, 0.01 |
| HSL | 0°, 97%, 75% |
| HSV | 0°, 50%, 99% |
| XYZ | 52.2025, 37.9720, 24.7331 |
| YIQ | 165.2610, 74.8210, 26.1890 |

Conversions

Conversions Part 2

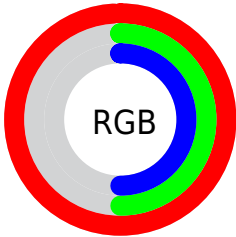
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 253, 128, 127 |
| Decimal | 16613503 |
| CIE Lab | 68.00, 47.40, 22.80 |
| CIE LCh | 68, 52.597, 25.685 |
| Yxy | 37.9720, 0.4543, 0.3305 |
| Android (android.graphics.Color) | 4294803583 (0xFFFD807F) |
| YUV | 165.2610, -18.8627, 76.9471 |
| Hunter-Lab | 61.6215, 43.3783, 19.3377 |

Details

The CIELCh color **68, 52.597, 25.685** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 36.324, 198.018**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.324, 24.881**, and **48, 52.457, 25.881** is the 20% darker color. If you saturate the color by 10%, you get **63, 64.768, 28.031**, and if you desaturate by 10%, it is **74, 40.714, 23.883**.

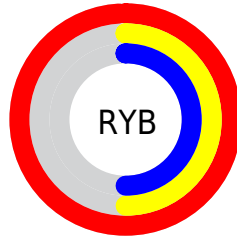
Distribution



Red (99%)

Green (50%)

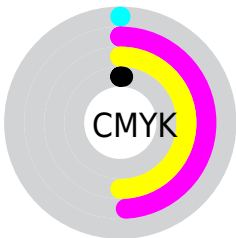
Blue (50%)



Red (99%)

Yellow (50%)

Blue (50%)

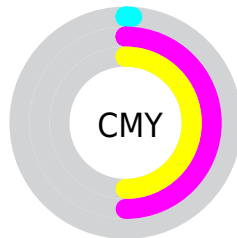


Cyan (0%)

Magenta (49%)

Yellow (50%)

Black (1%)



Cyan (1%)

Magenta (50%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 52.597, 25.685 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 68, 52.597, 25.685 by changing the saturation by 10% instead.

 68, 52.597, 25.685

 68, 52.597, 25.685

 100, 52.597,
25.685

 58, 52.597, 25.685

 88, 52.597, 25.685

 48, 52.597, 25.685

 98, 52.597, 25.685

 38, 52.597, 25.685

 28, 52.597, 25.685

 18, 52.597, 25.685

 8, 52.597, 25.685

 0, 52.597, 25.685

 68, 52.597, 25.685

 68, 52.597, 25.685

 63, 64.768, 28.031

 74, 40.714, 23.883

■ 59, 76.845, 30.974

■ 80, 29.392, 22.506

■ 56, 88.248, 34.406

■ 86, 18.775, 21.452

■ 54, 97.855, 37.758

■ 93, 8.913, 20.617

■ 53, 103.818,
40.008

■ 100, 0.203,
203.336

■ 53, 103.940,
40.057

■ 100, 0.601,
200.470

Harmonies

Complementary

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



68, 52.597, 25.685



92, 36.324, 198.018

Rectangle

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



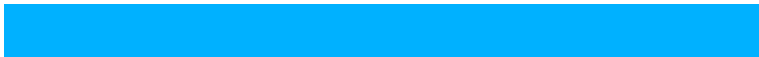
68, 52.597, 25.685



68, 52.597, 75.685



68, 52.597, 205.685



68, 52.597, 255.685

Sweetspot

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



68, 52.594, 25.688



90, 14.056, 21.034



72, 76.924, 327.051



46, 9.671, 21.214



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 52.594, 25.688



63, 65.415, 28.098



82, 43.330, 69.118



50, 5.212, 20.597



40, 84.117, 40.082



10, 33.198, 27.570

Inverse Universe

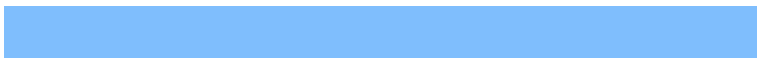
The Inverse Universe completely reimagines the original color for something new.



92, 36.324, 198.018



92, 41.364, 197.788



75, 37.436, 264.996



52, 4.904, 199.669



70, 39.899, 197.647



23, 18.381, 197.494

Previews

White Background



This preview shows how the CIELCh color 68, 52.597, 25.685 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 68, 52.597, 25.685 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 ✓ Pass

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

CIELCh 68, 52.597, 25.685

Background



This preview shows how black text looks on a background with the CIELCh color 68, 52.597, 25.685.



This preview shows how white text looks on a background with the CIELCh color 68, 52.597, 25.685.

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
68, 52.597, 25.685

Protanopia
68, 11.932, 93.442

Deuteranopia
68, 26.211, 70.012



Tritanopia
68, 52.238, 20.099

Trichromacy



Original Color
68, 52.597, 25.685



Protanomaly
67, 22.429, 39.552



Deuteranomaly
68, 32.804, 45.062



Tritanomaly
68, 52.550, 21.840

Monochromacy



Original Color
68, 52.597, 25.685



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 18.435, 21.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 52.597, 25.685 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(253, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(253, 128, 127)  
}
```

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(253, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 128, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 52.597, 25.685 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(253, 128, 127) }
```

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

```
.border{ border-color:rgb(253, 128, 127) }
```

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

Here you see how a box with a 4 pixel rgb(253, 128, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(253, 128,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 52.597, 25.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 128, 127) }
```

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

```
.background{ background-color: rgb(253,  
128, 127) }
```

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