

Converting Colors

CIELCh(52, 6.703, 305.895)

Have a look what the booklet for
CIELCh(52, 6.703, 305.895) contains.

CIELCh(52, 6.714, 307.825)	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(52, 6.714, 307.825)

Conversions

Conversions Part 1

Format	Color
Hex	7F7A85
RGB	127, 122, 133
RGB Percent	50%, 48%, 52%
CMY	0.5017, 0.5213, 0.4782
CMYK	0.05, 0.08, 0.00, 0.48
HSL	267°, 4%, 50%
HSV	267°, 8%, 52%
XYZ	19.9649, 20.1443, 25.0469
YIQ	124.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

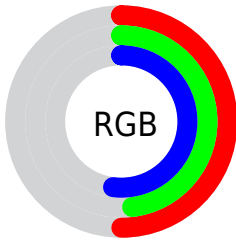
Format	Color
RYB	127, 122, 133
Decimal	8354437
CIELab	52.00, 4.12, -5.30
CIELCh	52, 6.714, 307.825
Yxy	20.1443, 0.3064, 0.3092
Android (android.graphics.Color)	4286544517 (0xFF7F7A85)
YUV	124.7490, 4.0677, 1.9741
Hunter-Lab	44.8824, 0.8571, -1.6694

Details

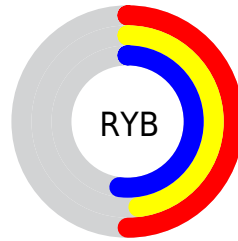
The CIELCh color $52, 6.714, 307.825$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 6.625, 127.108$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 6.935, 309.334$, and $32, 7.324, 308.027$ is the 20% darker color. If you saturate the color by 10%, you get $48, 15.046, 308.320$, and if you desaturate by 10%, it is $56, 1.378, 127.443$.

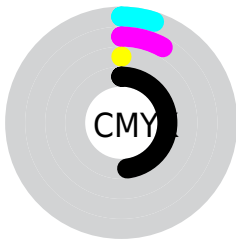
Distribution



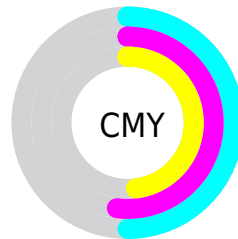
- Red (50%)
- Green (48%)
- Blue (52%)



- Red (50%)
- Yellow (48%)
- Blue (52%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 6.714, 307.825 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, 6.714, 307.825 by changing the saturation by 10% instead.

■ 52, 6.714, 307.825

■ 52, 6.714, 307.825

■ 100, 6.714,
307.825

■ 42, 6.714, 307.825

■ 72, 6.714, 307.825

■ 32, 6.714, 307.825

■ 82, 6.714, 307.825

■ 22, 6.714, 307.825

■ 92, 6.714, 307.825

■ 12, 6.714, 307.825

■ 2, 6.714, 307.825

■ 0, 6.714, 307.825

■ 52, 6.714, 307.825

■ 52, 6.714, 307.825

■ 48, 15.046,
308.320

■ 56, 1.378, 127.443

■ 61, 9.222, 126.999

43, 23.602,
308.857

65, 16.822,
126.643

39, 32.333,
309.426

69, 24.186,
126.332

35, 41.146,
310.008

73, 31.326,
126.061

31, 49.872,
310.568

78, 38.253,
125.825

27, 58.227,
311.050

82, 44.979,
125.622

24, 65.778,
311.370

86, 51.515,
125.447

21, 71.947,
311.421

90, 57.874,
125.297

19, 76.647,
311.224

Harmonies

Complementary

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



52, 6.714, 307.825



55, 6.625, 127.108

Rectangle

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



52, 6.714, 307.825



52, 6.714, 357.825



52, 6.714, 127.825



52, 6.714, 177.825

Sweetspot

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



52, 6.712, 307.822



70, 2.004, 307.504



53, 3.659, 250.863



36, 1.135, 307.495



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 6.712, 307.822



66, 10.110, 307.917



52, 7.626, 323.485



26, 4.572, 307.863



18, 76.204, 311.240



0, 1.082, 307.459

Inverse Universe

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



52, 5.625, 341.858



66, 8.466, 342.024



54, 7.607, 142.690



26, 3.830, 341.931



27, 52.180, 356.549



0, 0.908, 341.272

Previews

White Background



This preview shows how the CIELCh color 52, 6.714, 307.825 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, 6.714, 307.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

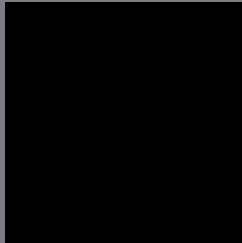
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

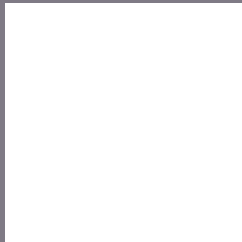
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 6.714, 307.825

Background



This preview shows how black text looks on a background with the CIELCh color 52, 6.714, 307.825.

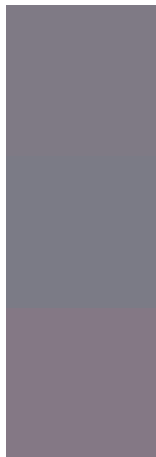


This preview shows how white text looks on a background with the CIELCh color 52, 6.714, 307.825.

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, 6.714, 307.825

Protanopia

52, 6.395, 290.990

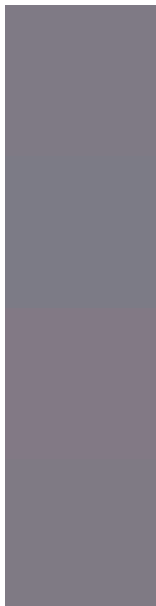
Deuteranopia

52, 8.949, 322.808



Tritanopia
52, 6.162, 309.377

Trichromacy



Original Color

52, 6.714, 307.825

Protanomaly

52, 6.413, 294.439

Deuteranomaly

52, 7.855, 317.646

Tritanomaly

52, 6.162, 309.377

Monochromacy



Original Color

52, 6.714, 307.825

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 2.466, 309.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 6.714, 307.825 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(127, 122, 133)` looks like.

```
.text, #text, p{  
    color:rgb(127, 122, 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(127, 122, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 122, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 6.714, 307.825 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(127, 122, 133) }
```

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

```
.border{ border-color:rgb(127, 122, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 122, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 122, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 122, 133);  
box-shadow:4px 4px 4px 4px rgb(127, 122,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 6.714, 307.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 122, 133) }
```

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

```
.background{ background-color: rgb(127,  
122, 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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