

Converting Colors

CIELCh(52, 2.753, 260.575)

Have a look what the booklet for
CIELCh(52, 2.753, 260.575) contains.

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Color

CIELCh(52, 3.115, 268.480)

Conversions

Conversions Part 1

Format	Color
Hex	797C81
RGB	121, 124, 129
RGB Percent	47%, 49%, 51%
CMY	0.5246, 0.5128, 0.4932
CMYK	0.06, 0.04, 0.00, 0.49
HSL	217°, 3%, 49%
HSV	217°, 6%, 51%
XYZ	19.1304, 20.1443, 23.7282
YIQ	123.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

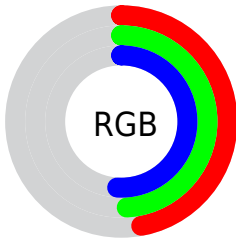
Format	Color
R_{YB}	121, 123, 129
Decimal	7961729
CIE Lab	52.00, -0.08, -3.11
CIE LCh	52, 3.115, 268.480
Yxy	20.1443, 0.3036, 0.3197
Android (android.graphics.Color)	4286151809 (0xFF797C81)
YUV	123.6730, 2.6262, -2.3442
Hunter-Lab	44.8824, -2.4616, 0.0725

Details

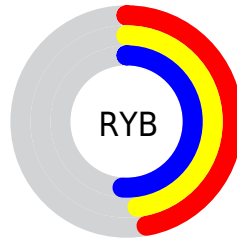
The CIELCh color `52, 3.115, 268.480` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `53, 3.116, 86.820`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 3.436, 271.806`, and `32, 3.391, 268.889` is the 20% darker color. If you saturate the color by 10%, you get `49, 8.175, 269.821`, and if you desaturate by 10%, it is `55, 1.895, 87.080`.

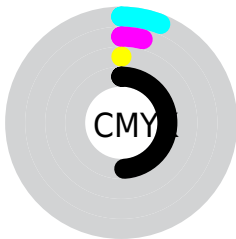
Distribution



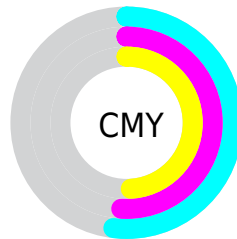
- Red (47%)
- Green (49%)
- Blue (51%)



- Red (47%)
- Yellow (48%)
- Blue (51%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (52%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 3.115, 268.480 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, 3.115, 268.480 by changing the saturation by 10% instead.

■ 52, 3.115, 268.480

■ 52, 3.115, 268.480

■ 100, 3.115,
268.480

■ 42, 3.115, 268.480

■ 72, 3.115, 268.480

■ 32, 3.115, 268.480

■ 82, 3.115, 268.480

■ 22, 3.115, 268.480

■ 92, 3.115, 268.480

■ 12, 3.115, 268.480

■ 2, 3.115, 268.480

■ 0, 3.115, 268.480

■ 52, 3.115, 268.480

■ 52, 3.115, 268.480

■ 49, 8.175, 269.821

■ 55, 1.895, 87.080

■ 45, 13.285,

■ 59, 6.848, 86.104

271.443

62, 11.740, 85.197

42, 18.443,
273.339

65, 16.570, 84.395

39, 23.655,
275.551

69, 21.333, 83.683

36, 28.932,
278.114

72, 26.028, 83.048

32, 34.298,
281.049

75, 30.653, 82.478

29, 39.780,
284.342

78, 35.207, 81.965

26, 45.401,
287.922

24, 51.157,
291.591

Harmonies

Complementary

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



52, 3.115, 268.480



53, 3.116, 86.820

Rectangle

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



52, 3.115, 268.480



52, 3.115, 318.480



52, 3.115, 88.480



52, 3.115, 138.480

Sweetspot

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



52, 3.114, 268.458



68, 1.250, 268.062



53, 3.639, 170.011



35, 0.708, 268.059



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, 3.114, 268.458



66, 4.370, 268.577



51, 4.686, 295.245



25, 2.243, 268.590



22, 52.796, 292.804



0, 0.000, 0.000

Inverse Universe

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



52, 3.672, 351.412



66, 5.160, 351.512



54, 4.615, 114.292



25, 2.649, 351.523



26, 50.783, 12.209



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 3.115, 268.480 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, 3.115, 268.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

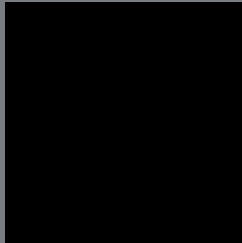
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

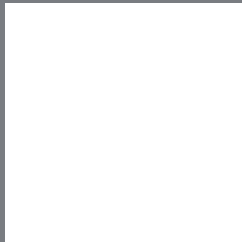
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 3.115, 268.480

Background



This preview shows how black text looks on a background with the CIELCh color 52, 3.115, 268.480.



This preview shows how white text looks on a background with the CIELCh color 52, 3.115, 268.480.

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, 3.115, 268.480

Protanopia

52, 3.589, 303.279

Deuteranopia

52, 7.803, 332.199



Tritanopia
52, 5.270, 282.422

Trichromacy



Original Color

52, 3.115, 268.480

Protanomaly

52, 3.519, 297.032

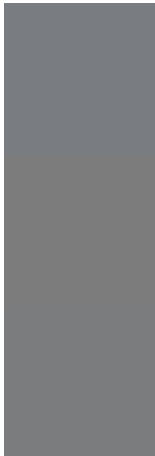
Deuteranomaly

52, 5.437, 321.253

Tritanomaly

52, 4.698, 281.285

Monochromacy



Original Color

52, 3.115, 268.480

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.226, 271.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 3.115, 268.480 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(121, 124, 129)` looks like.

```
.text, #text, p{  
    color:rgb(121, 124, 129)  
}
```

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(121, 124, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 124, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 3.115, 268.480 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(121, 124, 129) }
```

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

```
.border{ border-color:rgb(121, 124, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 124, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 124, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 124, 129); box-shadow:4px 4px 4px 4px rgb(121, 124, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 3.115, 268.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 124, 129) }
```

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

```
.background{ background-color: rgb(121,  
124, 129) }
```

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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