

Converting Colors

CIELCh(52, 5.495, 266.564)

Have a look what the booklet for
CIELCh(52, 5.495, 266.564) contains.

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Color

CIELCh(52, 5.140, 264.146)

Conversions

Conversions Part 1

Format	Color
Hex	777D85
RGB	119, 125, 133
RGB Percent	47%, 49%, 52%
CMY	0.5349, 0.5113, 0.4800
CMYK	0.11, 0.06, 0.00, 0.48
HSL	214°, 6%, 49%
HSV	214°, 11%, 52%
XYZ	19.0440, 20.1443, 24.9305
YIQ	124.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

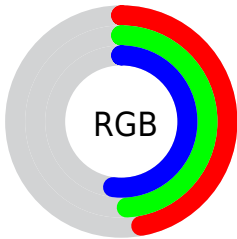
Format	Color
RYP	119, 123, 133
Decimal	7830917
CIELab	52.00, -0.52, -5.11
CIElCh	52, 5.140, 264.146
Yxy	20.1443, 0.2970, 0.3142
Android (android.graphics.Color)	4286020997 (0xFF777D85)
YUV	124.1180, 4.3788, -4.4885
Hunter-Lab	44.8824, -2.8051, -1.5156




Details

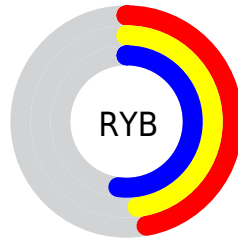
The CIELCh color $52, 5.140, 264.146$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 5.207, 81.392$, and the grayscale version is $52, 0.007, 296.813$.




A 20% lighter version of the original color is $72, 4.999, 260.052$, and $32, 5.420, 268.784$ is the 20% darker color. If you saturate the color by 10%, you get $49, 10.016, 265.630$, and if you desaturate by 10%, it is $55, 0.274, 263.626$.

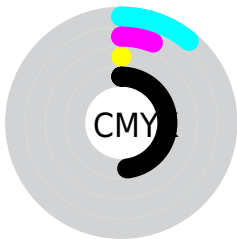
Distribution







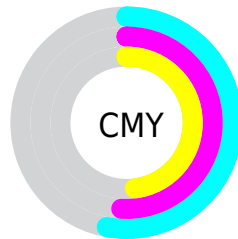
-  Red (47%)
-  Green (49%)
-  Blue (52%)






-  Red (47%)
-  Yellow (48%)
-  Blue (52%)



-  Cyan (11%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (53%)
-  Magenta (51%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.140, 264.146 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, 5.140, 264.146 by changing the saturation by 10% instead.

■ 52, 5.140, 264.146

■ 52, 5.140, 264.146

■ 100, 5.140,
264.146

■ 42, 5.140, 264.146

■ 72, 5.140, 264.146

■ 32, 5.140, 264.146

■ 82, 5.140, 264.146

■ 22, 5.140, 264.146

■ 92, 5.140, 264.146

■ 12, 5.140, 264.146

■ 2, 5.140, 264.146

■ 0, 5.140, 264.146

■ 52, 5.140, 264.146

■ 52, 5.140, 264.146

■ 49, 10.016,
265.630

■ 55, 0.274, 263.626

■ 58, 4.571, 81.611

46, 14.895,
267.400

62, 9.387, 80.661

42, 19.772,
269.478

65, 14.167, 79.817

39, 24.649,
271.910

68, 18.904, 79.071

36, 29.537,
274.734

74, 28.228, 77.819

33, 34.463,
277.966

78, 32.809, 77.289

31, 39.464,
281.579

81, 37.332, 76.810

28, 44.582,
285.483

26, 49.569,
289.075

Harmonies

Complementary

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



52, 5.140, 264.146



53, 5.207, 81.392

Rectangle

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



52, 5.140, 264.146



52, 5.140, 314.146



52, 5.140, 84.146



52, 5.140, 134.146

Sweetspot

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



52, 5.139, 264.133



70, 1.822, 263.249



54, 6.548, 166.561



36, 1.374, 263.312



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, 5.139, 264.133



66, 7.884, 264.518



50, 8.199, 293.739



26, 2.747, 263.942



25, 48.781, 288.990



0, 0.657, 262.727

Inverse Universe

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



51, 6.647, 348.539



65, 10.233, 348.803



55, 8.008, 111.926



26, 3.545, 348.403



27, 51.230, 7.275



0, 0.838, 347.675

Previews

White Background



This preview shows how the CIELCh color 52, 5.140, 264.146 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, 5.140, 264.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

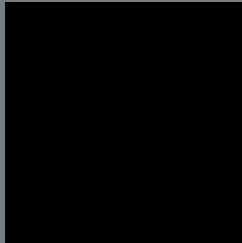
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

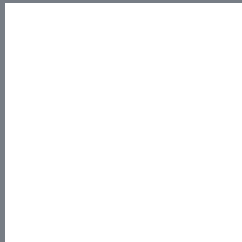
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 5.140, 264.146

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.140, 264.146.



This preview shows how white text looks on a background with the CIELCh color 52, 5.140, 264.146.

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, 5.140, 264.146

Protanopia

52, 5.254, 295.086

Deuteranopia

52, 8.949, 322.808



Tritanopia
52, 6.079, 272.579

Trichromacy



Original Color

52, 5.140, 264.146

Protanomaly

52, 4.698, 281.285

Deuteranomaly

52, 6.714, 307.825

Tritanomaly

52, 5.534, 270.555

Monochromacy



Original Color

52, 5.140, 264.146

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.904, 266.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.140, 264.146 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(119, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 125, 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(119, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 125, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.140, 264.146 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(119, 125, 133) }
```

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

```
.border{ border-color:rgb(119, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 125,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.140, 264.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 125, 133) }
```

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

```
.background{ background-color: rgb(119,  
125, 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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