

Converting Colors

CIELCh(52, 8.164, 321.456)

Have a look what the booklet for
CIELCh(52, 8.164, 321.456) contains.

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Color

CIELCh(52, 8.041, 320.173)

Conversions

Conversions Part 1

Format	Color
Hex	837985
RGB	131, 121, 133
RGB Percent	51%, 47%, 52%
CMY	0.4868, 0.5260, 0.4790
CMYK	0.02, 0.09, 0.00, 0.48
HSL	290°, 5%, 50%
HSV	290°, 9%, 52%
XYZ	20.3824, 20.1443, 24.9530
YIQ	125.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

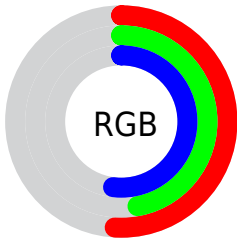
Format	Color
RYB	131, 121, 133
Decimal	8616325
CIELab	52.00, 6.18, -5.15
CIELCh	52, 8.041, 320.173
Yxy	20.1443, 0.3113, 0.3076
Android (android.graphics.Color)	4286806405 (0xFF837985)
YUV	125.3580, 3.7675, 4.9480
Hunter-Lab	44.8824, 2.5179, -1.5454

Details

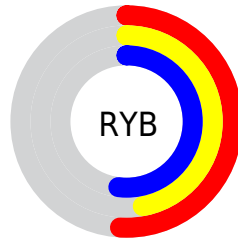
The CIELCh color **52, 8.041, 320.173** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54, 8.002, 139.404**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 8.209, 320.465**, and **32, 8.750, 320.378** is the 20% darker color. If you saturate the color by 10%, you get **48, 17.062, 320.625**, and if you desaturate by 10%, it is **56, 0.849, 139.947**.

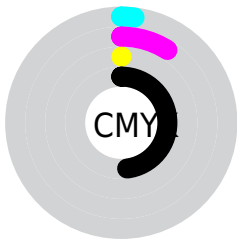
Distribution



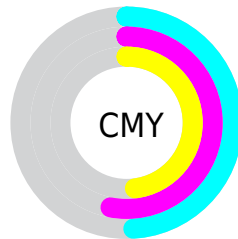
- Red (51%)
- Green (47%)
- Blue (52%)



- Red (51%)
- Yellow (47%)
- Blue (52%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.041, 320.173 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, 8.041, 320.173 by changing the saturation by 10% instead.

■ 52, 8.041, 320.173

■ 52, 8.041, 320.173

■ 100, 8.041,
320.173

■ 42, 8.041, 320.173

■ 72, 8.041, 320.173

■ 32, 8.041, 320.173

■ 82, 8.041, 320.173

■ 22, 8.041, 320.173

■ 92, 8.041, 320.173

■ 12, 8.041, 320.173

■ 2, 8.041, 320.173

■ 0, 8.041, 320.173

■ 52, 8.041, 320.173

■ 52, 8.041, 320.173

■ 48, 17.062,
320.625

■ 56, 0.849, 139.947

■ 60, 9.546, 139.356

45, 26.127,
321.066

64, 18.022,
138.950

41, 35.094,
321.485

68, 26.262,
138.574

38, 43.756,
321.861

72, 34.263,
138.225

35, 51.837,
322.167

76, 42.027,
137.902

32, 58.989,
322.369

80, 49.564,
137.606

30, 64.836,
322.433

83, 56.882,
137.335

28, 69.053,
322.323

87, 63.992,
137.087

27, 71.919,
322.074

Harmonies

Complementary

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



52, 8.041, 320.173



54, 8.002, 139.404

Rectangle

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



52, 8.041, 320.173



52, 8.041, 10.173



52, 8.041, 140.173



52, 8.041, 190.173

Sweetspot

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



52, 8.039, 320.172



69, 3.307, 319.873



52, 5.745, 282.425



36, 2.497, 319.916



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, 8.039, 320.172



66, 12.196, 320.274



52, 6.769, 335.533



26, 5.014, 320.177



26, 71.088, 322.064



0, 1.192, 319.795

Inverse Universe

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



52, 5.003, 6.539



65, 7.623, 6.767



54, 6.733, 154.387



26, 3.121, 6.549



26, 56.735, 30.142



0, 0.730, 5.821

Previews

White Background



This preview shows how the CIELCh color 52, 8.041, 320.173 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, 8.041, 320.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

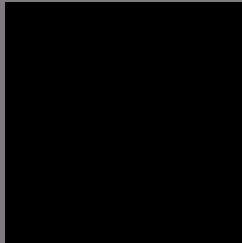
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 8.041, 320.173

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.041, 320.173.



This preview shows how white text looks on a background with the CIELCh color 52, 8.041, 320.173.

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

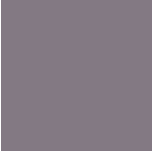
52, 8.041, 320.173

Protanopia

52, 6.395, 290.990

Deuteranopia

52, 8.949, 322.808



Tritanopia
52, 7.060, 324.817

Trichromacy



Original Color

52, 8.041, 320.173

Protanomaly

52, 7.174, 303.524

Deuteranomaly

52, 8.949, 322.808

Tritanomaly

52, 7.544, 322.339

Monochromacy



Original Color

52, 8.041, 320.173

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 3.328, 318.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 8.041, 320.173 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(131, 121, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 121, 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(131, 121, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 121, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.041, 320.173 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(131, 121, 133) }
```

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

```
.border{ border-color:rgb(131, 121, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 121, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 121, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 121, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 121,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.041, 320.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 121, 133) }
```

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

```
.background{ background-color: rgb(131,  
121, 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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