

Converting Colors

CIELCh(52, 7.138, 77.116)

Have a look what the booklet for
CIELCh(52, 7.138, 77.116) contains.

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Color

CIELCh(52, 7.386, 78.754)

Conversions

Conversions Part 1

Format	Color
Hex	847B70
RGB	132, 123, 112
RGB Percent	52%, 48%, 44%
CMY	0.4834, 0.5187, 0.5618
CMYK	0.00, 0.07, 0.15, 0.48
HSL	33°, 8%, 48%
HSV	33°, 15%, 52%
XYZ	19.4303, 20.1443, 18.1140
YIQ	124.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

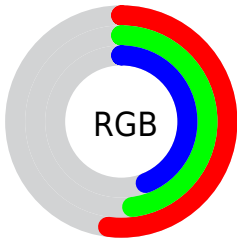
Format	Color
R_{YB}	128, 132, 112
Decimal	8682352
CIE Lab	52.00, 1.44, 7.24
CIE LCh	52, 7.386, 78.754
Yxy	20.1443, 0.3368, 0.3492
Android (android.graphics.Color)	4286872432 (0xFF847B70)
YUV	124.4370, -6.1314, 6.6328
Hunter-Lab	44.8824, -1.2690, 7.4890

Details

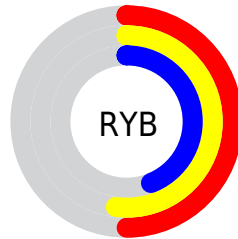
The CIELCh color $52, 7.386, 78.754$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 7.201, 262.716$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 7.102, 76.511$, and $32, 7.333, 78.612$ is the 20% darker color. If you saturate the color by 10%, you get $50, 12.485, 77.523$, and if you desaturate by 10%, it is $54, 2.471, 79.930$.

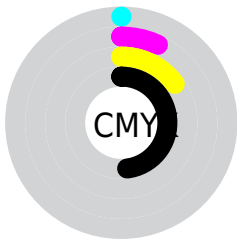
Distribution



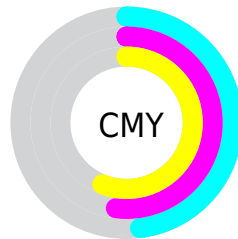
- Red (52%)
- Green (48%)
- Blue (44%)



- Red (50%)
- Yellow (52%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (48%)



- Cyan (48%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 7.386, 78.754 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, 7.386, 78.754 by changing the saturation by 10% instead.

 52, 7.386, 78.754  52, 7.386, 78.754

 100, 7.386, 78.754  42, 7.386, 78.754

 72, 7.386, 78.754  32, 7.386, 78.754

 82, 7.386, 78.754  22, 7.386, 78.754

 92, 7.386, 78.754  12, 7.386, 78.754

 2, 7.386, 78.754

 0, 7.386, 78.754

 52, 7.386, 78.754  52, 7.386, 78.754

 50, 12.485, 77.523  54, 2.471, 79.930

 48, 17.771, 76.246  56, 2.273, 261.327

46, 23.234, 74.942

58, 6.860, 262.410

44, 28.835, 73.605

60, 11.304,
263.507

43, 34.482, 72.215

62, 15.621,
264.568

41, 39.985, 70.714

39, 44.991, 68.981

64, 19.824,
265.584

38, 49.044, 66.860

66, 23.924,
266.556

37, 51.107, 65.985

69, 27.934,
267.481

71, 31.861,
268.361

Harmonies

Complementary

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



52, 7.386, 78.754



50, 7.201, 262.716

Rectangle

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



52, 7.386, 78.754



52, 7.386, 128.754



52, 7.386, 258.754



52, 7.386, 308.754

Sweetspot

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



52, 7.387, 78.767



69, 2.951, 79.936



49, 9.692, 347.719



36, 2.032, 79.874



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, 7.387, 78.767



65, 10.901, 78.370



54, 11.438, 110.850



27, 2.728, 79.491



37, 50.631, 66.033



0, 0.645, 80.644

Inverse Universe

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



50, 7.201, 262.716



63, 10.559, 263.209



48, 11.825, 293.586



26, 2.692, 261.870



26, 46.896, 287.256



0, 0.645, 260.655

Previews

White Background



This preview shows how the CIELCh color 52, 7.386, 78.754 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 CIELCh color 52, 7.386, 78.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

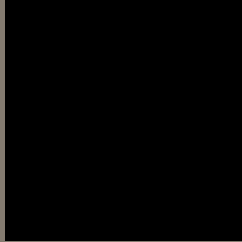
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 7.386, 78.754

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.386, 78.754.



This preview shows how white text looks on a background with the CIELCh color 52, 7.386, 78.754.

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, 7.386, 78.754

Protanopia

52, 7.232, 92.567

Deuteranopia

52, 9.649, 48.670



Tritanopia
52, 8.073, 334.364

Trichromacy



Original Color

52, 7.386, 78.754

Protanomaly

52, 7.363, 89.439

Deuteranomaly

52, 8.523, 57.416

Tritanomaly

52, 5.004, 6.540

Monochromacy



Original Color

52, 7.386, 78.754

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 2.601, 81.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.386, 78.754 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(132, 123, 112)` looks like.

```
.text, #text, p{  
    color:rgb(132, 123, 112)  
}
```

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(132, 123, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 123, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.386, 78.754 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(132, 123, 112) }
```

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

```
.border{ border-color:rgb(132, 123, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 123, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 123, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 123, 112);  
box-shadow:4px 4px 4px 4px rgb(132, 123,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.386, 78.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 123, 112) }
```

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

```
.background{ background-color: rgb(132,  
123, 112) }
```

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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