

Converting Colors

CIELCh(54, 7.231, 2.990)

Have a look what the booklet for
CIELCh(54, 7.231, 2.990) contains.

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Color

CIELCh(54, 7.229, 1.667)

Conversions

Conversions Part 1

Format	Color
Hex	8E7D81
RGB	142, 125, 129
RGB Percent	56%, 49%, 51%
CMY	0.4434, 0.5101, 0.4944
CMYK	0.00, 0.12, 0.09, 0.44
HSL	346°, 7%, 52%
HSV	346°, 12%, 56%
XYZ	22.4230, 21.9746, 23.8017
YIQ	130.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

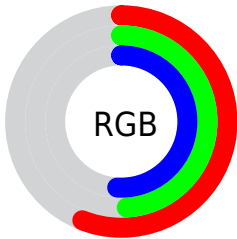
Format	Color
R_{YB}	142, 125, 129
Decimal	9338241
CIE _{Lab}	54.00, 7.23, 0.21
CIE _{LCh}	54, 7.229, 1.667
Yxy	21.9746, 0.3288, 0.3222
Android (android.graphics.Color)	4287528321 (0xFF8E7D81)
YUV	130.5390, -0.7587, 10.0513
Hunter-Lab	46.8770, 3.3482, 2.7096

Details

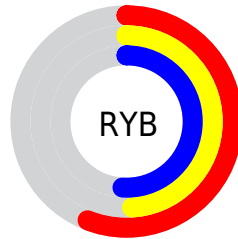
The CIELCh color $54, 7.229, 1.667$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 6.935, 179.600$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 7.133, 2.365$, and $34, 7.470, 1.092$ is the 20% darker color. If you saturate the color by 10%, you get $50, 13.561, 2.803$, and if you desaturate by 10%, it is $58, 1.166, 0.449$.

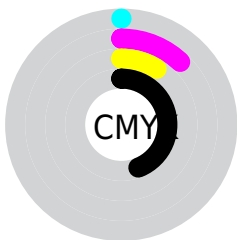
Distribution



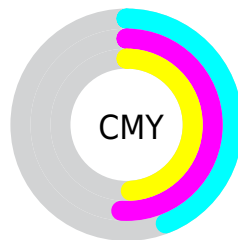
- Red (56%)
- Green (49%)
- Blue (51%)



- Red (56%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 7.229, 1.667 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 54, 7.229, 1.667 by changing the saturation by 10% instead.

■ 54, 7.229, 1.667

■ 54, 7.229, 1.667

■ 100, 7.229, 1.667

■ 44, 7.229, 1.667

■ 74, 7.229, 1.667

■ 34, 7.229, 1.667

■ 84, 7.229, 1.667

■ 24, 7.229, 1.667

■ 94, 7.229, 1.667

■ 14, 7.229, 1.667

■ 4, 7.229, 1.667

■ 0, 7.229, 1.667

■ 54, 7.229, 1.667

■ 54, 7.229, 1.667

■ 50, 13.561, 2.803

■ 58, 1.166, 0.449

■ 46, 20.116, 4.117

■ 62, 4.604, 180.039

42, 26.790, 5.696

67, 10.084,
179.263

39, 33.423, 7.631

71, 15.288,
178.599

36, 39.791, 10.044

33, 45.634, 13.079

75, 20.236,
178.006

31, 50.725, 16.877

79, 24.950,
177.470

30, 54.980, 21.502

29, 58.190, 25.377

84, 29.452,
176.981

88, 33.763,
176.533

92, 37.903,
176.120

Harmonies

Complementary

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



54, 7.229, 1.667



58, 6.935, 179.600

Rectangle

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



54, 7.229, 1.667



54, 7.229, 51.667



54, 7.229, 181.667



54, 7.229, 231.667

Sweetspot

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



54, 7.227, 1.675



73, 2.925, 0.810



54, 11.025, 317.777



38, 2.075, 0.895



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 7.227, 1.675



67, 10.481, 1.924



55, 5.731, 44.863



28, 3.403, 1.380



27, 56.049, 25.095



0, 2.251, 0.603

Inverse Universe

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



54, 7.227, 1.675



67, 10.481, 1.924



56, 5.348, 226.122



28, 3.403, 1.380



27, 56.049, 25.095



0, 2.251, 0.603

Previews

White Background



This preview shows how the CIELCh color 54, 7.229, 1.667 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 54, 7.229, 1.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

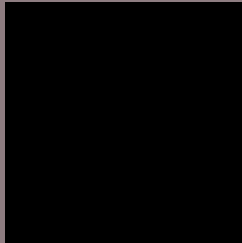
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 7.229, 1.667

Background



This preview shows how black text looks on a background with the CIELCh color 54, 7.229, 1.667.



This preview shows how white text looks on a background with the CIELCh color 54, 7.229, 1.667.

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

54, 7.229, 1.667

Protanopia

54, 1.410, 324.389

Deuteranopia

54, 7.229, 1.667



Tritanopia
54, 9.516, 343.296

Trichromacy



Original Color

54, 7.229, 1.667

Protanomaly

54, 3.028, 357.303

Deuteranomaly

54, 7.229, 1.667

Tritanomaly

54, 8.895, 349.276

Monochromacy



Original Color

54, 7.229, 1.667

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 2.663, 353.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 7.229, 1.667 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(142, 125, 129)` looks like.

```
.text, #text, p{  
    color:rgb(142, 125, 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(142, 125, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 125, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 7.229, 1.667 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(142, 125, 129) }
```

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

```
.border{ border-color:rgb(142, 125, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 125, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 125, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 125, 129);  
box-shadow:4px 4px 4px 4px rgb(142, 125,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 7.229, 1.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 125, 129) }
```

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

```
.background{ background-color: rgb(142,  
125, 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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