

Converting Colors

CIELCh(54, 4.997, 21.470)

Have a look what the booklet for
CIELCh(54, 4.997, 21.470) contains.

CIELCh(54, 5.262, 19.900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 5.262, 19.900)

Conversions

Conversions Part 1

Format	Color
Hex	8B7E7E
RGB	139, 126, 126
RGB Percent	55%, 49%, 49%
CMY	0.4543, 0.5053, 0.5053
CMYK	0.00, 0.09, 0.09, 0.45
HSL	0°, 5%, 52%
HSV	0°, 9%, 55%
XYZ	21.9306, 21.9746, 22.8771
YIQ	129.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

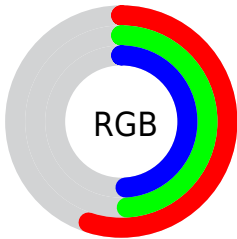
Format	Color
RYB	139, 126, 126
Decimal	9141886
CIELab	54.00, 4.95, 1.79
CIElCh	54, 5.262, 19.900
Yxy	21.9746, 0.3284, 0.3290
Android (android.graphics.Color)	4287331966 (0xFF8B7E7E)
YUV	129.8870, -1.9163, 7.9921
Hunter-Lab	46.8770, 1.4733, 3.8791

Details

The CIELCh color $54, 5.262, 19.900$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 4.970, 199.014$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 5.296, 19.752$, and $34, 5.328, 20.168$ is the 20% darker color. If you saturate the color by 10%, you get $50, 11.315, 20.729$, and if you desaturate by 10%, it is $58, 0.355, 200.583$.

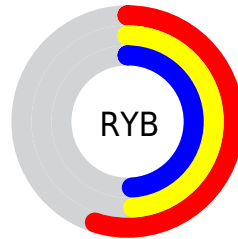
Distribution



Red (55%)

Green (49%)

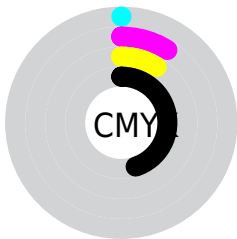
Blue (49%)



Red (55%)

Yellow (49%)

Blue (49%)

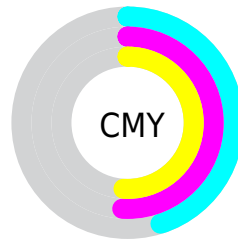


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (45%)



Cyan (45%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.262, 19.900 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, 5.262, 19.900 by changing the saturation by 10% instead.

 54, 5.262, 19.900  54, 5.262, 19.900

 100, 5.262, 19.900  44, 5.262, 19.900

 74, 5.262, 19.900  34, 5.262, 19.900

 84, 5.262, 19.900  24, 5.262, 19.900

 94, 5.262, 19.900  14, 5.262, 19.900

 4, 5.262, 19.900

 0, 5.262, 19.900

 54, 5.262, 19.900  54, 5.262, 19.900

 50, 11.315, 20.729  58, 0.355, 200.583

 46, 17.815, 21.735  62, 5.560, 198.992

42, 24.735, 23.028

67, 10.390,
198.576

39, 31.998, 24.704

71, 14.886,
198.257

35, 39.463, 26.863

33, 46.924, 29.584

75, 19.085,
198.000

31, 54.095, 32.837

80, 23.025,
197.791

29, 60.501, 36.296

28, 65.377, 38.858

84, 26.738,
197.618

88, 30.251,
197.473

92, 33.589,
197.352

Harmonies

Complementary

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



54, 5.262, 19.900



57, 4.970, 199.014

Rectangle

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



54, 5.262, 19.900



54, 5.262, 69.900



54, 5.262, 199.900



54, 5.262, 249.900

Sweetspot

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



54, 5.261, 19.916



72, 2.045, 19.350



54, 9.088, 324.915



38, 1.567, 19.445



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, 5.261, 19.916



68, 7.734, 20.061



56, 4.536, 74.259



27, 3.148, 19.900



27, 63.126, 38.662



0, 1.414, 19.422

Inverse Universe

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



57, 4.970, 199.014



72, 7.219, 198.904



55, 4.443, 256.653



29, 2.977, 199.026



50, 30.830, 196.417



1, 1.414, 199.439

Previews

White Background



This preview shows how the CIELCh color 54, 5.262, 19.900 looks on a white background.

Color Contrast Check

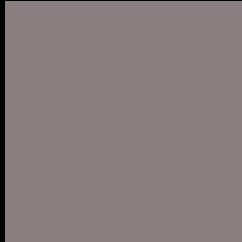
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.262, 19.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

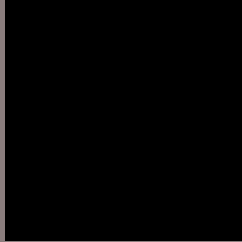
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 5.262, 19.900

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.262, 19.900.



This preview shows how white text looks on a background with the CIELCh color 54, 5.262, 19.900.

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, 5.262, 19.900

Protanopia

54, 1.649, 63.328

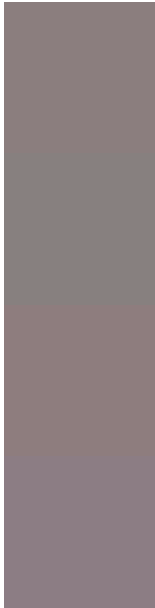
Deuteranopia

54, 7.342, 15.692



Tritanopia
54, 8.296, 336.368

Trichromacy



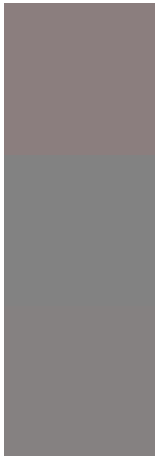
Original Color
54, 5.262, 19.900

Protanomaly
54, 2.865, 31.110

Deuteranomaly
54, 6.930, 15.373

Tritanomaly
54, 7.230, 346.341

Monochromacy



Original Color
54, 5.262, 19.900

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.594, 19.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 5.262, 19.900 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(139, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 126)  
}
```

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(139, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.262, 19.900 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(139, 126, 126) }
```

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

```
.border{ border-color:rgb(139, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(139, 126,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.262, 19.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 126) }
```

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

```
.background{ background-color: rgb(139,  
126, 126) }
```

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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