

Converting Colors

CIELCh(54, 26.143, 108.308)

Have a look what the booklet for
CIELCh(54, 26.143, 108.308)
contains.

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Color

CIELCh(54, 26.017, 107.909)

Conversions

Conversions Part 1

Format	Color
Hex	838456
RGB	131, 132, 86
RGB Percent	51%, 52%, 34%
CMY	0.4865, 0.4826, 0.6630
CMYK	0.01, 0.00, 0.35, 0.48
HSL	61°, 21%, 43%
HSV	61°, 35%, 52%
XYZ	19.2684, 21.9746, 12.0165
YIQ	126.4570, 14.1700, -14.5180

Conversions

Conversions Part 2

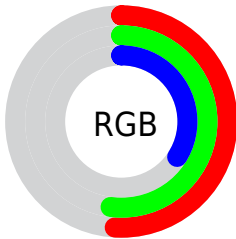
Format	Color
R_{YB}	86, 132, 87
Decimal	8619094
CIE Lab	54.00, -8.00, 24.76
CIE LCh	54, 26.017, 107.909
Yxy	21.9746, 0.3618, 0.4126
Android (android.graphics.Color)	4286809174 (0xFF838456)
YUV	126.4570, -19.9453, 3.9842
Hunter-Lab	46.8770, -8.6639, 17.6155

Details

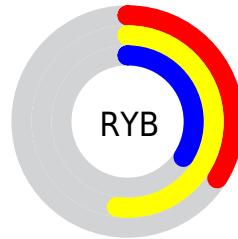
The CIELCh color $54, 26.017, 107.909$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $38, 28.281, 295.133$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 26.182, 107.641$, and $34, 25.984, 107.854$ is the 20% darker color. If you saturate the color by 10%, you get $54, 33.135, 107.050$, and if you desaturate by 10%, it is $54, 18.678, 108.804$.

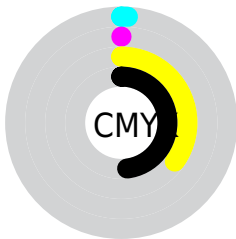
Distribution



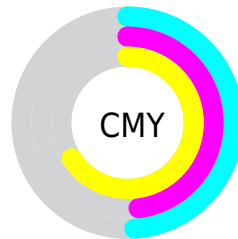
- Red (51%)
- Green (52%)
- Blue (34%)



- Red (34%)
- Yellow (52%)
- Blue (34%)



- Cyan (1%)
- Magenta (0%)
- Yellow (35%)
- Black (48%)





- Cyan (49%)
- Magenta (48%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 26.017, 107.909 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, 26.017, 107.909 by changing the saturation by 10% instead.

 54, 26.017,
107.909


 54, 26.017,
107.909


 100, 26.017,
107.909


 44, 26.017,
107.909


 74, 26.017,
107.909


 34, 26.017,
107.909

 84, 26.017,
107.909

 24, 26.017,
107.909

 94, 26.017,
107.909

 14, 26.017,
107.909

 4, 26.017, 107.909

 0, 26.017, 107.909

■ 54, 26.017,
107.909

■ 54, 26.017,
107.909

■ 54, 33.135,
107.050

■ 54, 18.678,
108.804

■ 54, 39.888,
106.242

■ 55, 11.209,
109.705

■ 53, 46.068,
105.521

■ 55, 3.671, 110.596

■ 53, 51.391,
104.926

■ 55, 3.894, 291.499

■ 53, 55.523,
104.498

■ 56, 11.461,
292.349

■ 53, 58.235,
104.264

■ 56, 19.008,
293.174

■ 53, 59.444,
104.168

■ 57, 26.523,
293.964

■ 57, 33.995,
294.716

■ 58, 41.415,
295.429

Harmonies

Complementary

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



54, 26.017, 107.909



38, 28.281, 295.133

Rectangle

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



54, 26.017, 107.909



54, 26.017, 157.909



54, 26.017, 287.909



54, 26.017, 337.909

Sweetspot

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



54, 26.018, 107.912



69, 9.323, 110.122



42, 20.346, 23.564



37, 6.409, 110.014



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 26.018, 107.912



68, 38.405, 107.212



52, 28.088, 128.090



28, 4.275, 110.219



52, 58.829, 104.166



1, 1.028, 111.037

Inverse Universe

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



38, 28.281, 295.133



45, 42.786, 296.426



41, 29.399, 311.268



25, 4.365, 291.910



13, 81.067, 306.385



0, 1.029, 291.038

Previews

White Background



This preview shows how the CIELCh color 54, 26.017, 107.909 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 54, 26.017, 107.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

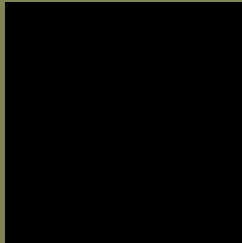
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 26.017, 107.909

Background



This preview shows how black text looks on a background with the CIELCh color 54, 26.017, 107.909.



This preview shows how white text looks on a background with the CIELCh color 54, 26.017, 107.909.

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

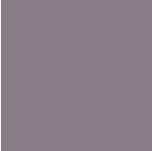
54, 26.017, 107.909

Protanopia

54, 25.508, 95.914

Deuteranopia

54, 24.734, 73.225



Tritanopia
54, 7.240, 327.414

Trichromacy



Original Color
54, 26.017, 107.909

Protanomaly
54, 25.722, 100.012

Deuteranomaly
54, 24.140, 85.529

Tritanomaly
54, 6.419, 82.754

Monochromacy



Original Color
54, 26.017, 107.909

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.771, 108.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 26.017, 107.909 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, 132, 86)` looks like.

```
.text, #text, p{  
    color:rgb(131, 132, 86)  
}
```

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, 132, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 132, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 26.017, 107.909 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, 132, 86) }
```

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

```
.border{ border-color:rgb(131, 132, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 132, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 132, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 132, 86);  
box-shadow:4px 4px 4px 4px rgb(131, 132,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 26.017, 107.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 132, 86) }
```

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

```
.background{ background-color: rgb(131,  
132, 86) }
```

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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