

Converting Colors

CIELCh(54, 23.715, 15.079)

Have a look what the booklet for
CIELCh(54, 23.715, 15.079) contains.

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Color

CIELCh(54, 23.672, 15.412)

Conversions

Conversions Part 1

Format	Color
Hex	AA7277
RGB	170, 114, 119
RGB Percent	67%, 45%, 47%
CMY	0.3326, 0.5523, 0.5327
CMYK	0.00, 0.33, 0.30, 0.33
HSL	355°, 25%, 56%
HSV	355°, 33%, 67%
XYZ	25.9928, 21.9746, 20.3766
YIQ	131.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

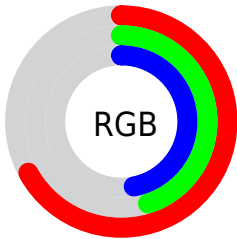
Format	Color
R_{YB}	170, 114, 119
Decimal	11170423
CIE _{Lab}	54.00, 22.82, 6.29
CIE _{LCh}	54, 23.672, 15.412
Yxy	21.9746, 0.3803, 0.3215
Android (android.graphics.Color)	4289360503 (0xFFAA7277)
YUV	131.3140, -6.0708, 33.9276
Hunter-Lab	46.8770, 16.9414, 7.0416

Details

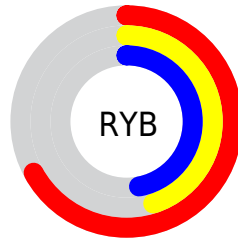
The CIELCh color **54, 23.672, 15.412** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 19.676, 189.602**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 23.634, 15.076**, and **34, 23.643, 14.799** is the 20% darker color. If you saturate the color by 10%, you get **50, 31.685, 17.042**, and if you desaturate by 10%, it is **59, 15.989, 14.117**.

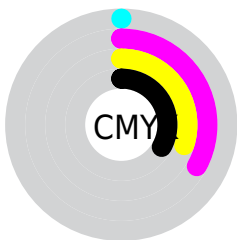
Distribution



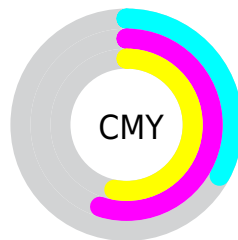
- Red (67%)
- Green (45%)
- Blue (47%)



- Red (67%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (33%)



- Cyan (33%)
- Magenta (55%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 23.672, 15.412 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, 23.672, 15.412 by changing the saturation by 10% instead.

 54, 23.672, 15.412

 54, 23.672, 15.412

 100, 23.672,
15.412

 44, 23.672, 15.412

 74, 23.672, 15.412

 34, 23.672, 15.412

 84, 23.672, 15.412

 24, 23.672, 15.412

 94, 23.672, 15.412

 14, 23.672, 15.412

 4, 23.672, 15.412

 0, 23.672, 15.412

 54, 23.672, 15.412

 54, 23.672, 15.412

 50, 31.685, 17.042

 59, 15.989, 14.117

 46, 39.882, 19.103

 63, 8.724, 13.052

42, 48.035, 21.723

68, 1.904, 12.003

39, 55.876, 25.012

73, 4.474, 191.650

37, 63.139, 28.978

78, 10.438,
190.989

36, 69.538, 33.363

83, 16.021,
190.459

35, 73.478, 36.114

88, 21.261,
190.005

93, 26.198,
189.610

95, 26.704,
197.771

Harmonies

Complementary

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



54, 23.672, 15.412



66, 19.676, 189.602

Rectangle

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



54, 23.672, 15.412



54, 23.672, 65.412



54, 23.672, 195.412



54, 23.672, 245.412

Sweetspot

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



54, 23.670, 15.416



82, 8.307, 12.787



55, 36.846, 323.269



43, 5.739, 12.919



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 23.670, 15.416



66, 35.447, 16.478



59, 19.351, 60.647



33, 3.744, 12.701



30, 65.871, 35.589



1, 6.623, 13.045

Inverse Universe

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



54, 23.670, 15.416



66, 35.447, 16.478



60, 16.685, 248.499



33, 3.744, 12.701



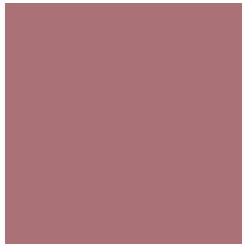
30, 65.871, 35.589



1, 6.623, 13.045

Previews

White Background



This preview shows how the CIELCh color 54, 23.672, 15.412 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, 23.672, 15.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

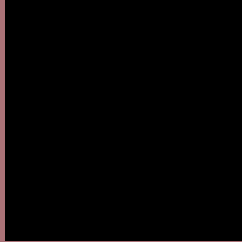
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 23.672, 15.412

Background



This preview shows how black text looks on a background with the CIELCh color 54, 23.672, 15.412.



This preview shows how white text looks on a background with the CIELCh color 54, 23.672, 15.412.

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, 23.672, 15.412

Protanopia

54, 1.649, 63.328

Deuteranopia

54, 9.943, 47.548



Tritanopia
54, 23.707, 11.301

Trichromacy



Original Color
54, 23.672, 15.412

Protanomaly
54, 9.024, 20.354

Deuteranomaly
54, 14.414, 27.741

Tritanomaly
54, 23.680, 12.669

Monochromacy



Original Color
54, 23.672, 15.412

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 8.207, 12.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 23.672, 15.412 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(170, 114, 119)` looks like.

```
.text, #text, p{  
    color:rgb(170, 114, 119)  
}
```

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(170, 114, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 114, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 23.672, 15.412 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(170, 114, 119) }
```

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

```
.border{ border-color:rgb(170, 114, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 114, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 114, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 114, 119);  
box-shadow:4px 4px 4px 4px rgb(170, 114,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 23.672, 15.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 114, 119) }
```

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

```
.background{ background-color: rgb(170,  
114, 119) }
```

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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