

Converting Colors

CIELCh(61, 13.020, 24.582)

Have a look what the booklet for
CIELCh(61, 13.020, 24.582) contains.

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Color

CIELCh(61, 13.045, 25.554)

Conversions

Conversions Part 1

Format	Color
Hex	AC8C8A
RGB	172, 140, 138
RGB Percent	67%, 55%, 54%
CMY	0.3266, 0.4520, 0.4598
CMYK	0.00, 0.19, 0.20, 0.33
HSL	4°, 17%, 61%
HSV	4°, 20%, 67%
XYZ	30.8629, 29.2481, 27.9660
YIQ	149.3400, 19.7140, 6.1620

Conversions

Conversions Part 2

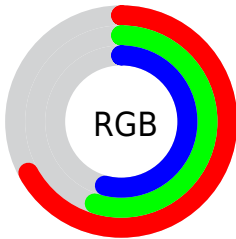
Format	Color
RYB	172, 140, 138
Decimal	11308170
CIELab	61.00, 11.77, 5.63
CIElCh	61, 13.045, 25.554
Yxy	29.2481, 0.3504, 0.3321
Android (android.graphics.Color)	4289498250 (0xFFAC8C8A)
YUV	149.3400, -5.5906, 19.8728
Hunter-Lab	54.0815, 7.2224, 7.1978

Details

The CIELCh color $61, 13.045, 25.554$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 11.440, 204.063$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.032, 27.319$, and $41, 12.933, 26.430$ is the 20% darker color. If you saturate the color by 10%, you get $57, 20.430, 26.349$, and if you desaturate by 10%, it is $66, 6.199, 24.949$.

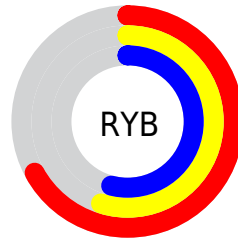
Distribution



Red (67%)

Green (55%)

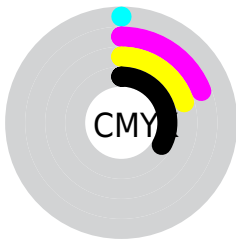
Blue (54%)



Red (67%)

Yellow (55%)

Blue (54%)

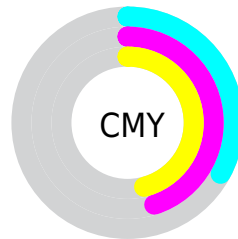


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 13.045, 25.554 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 61, 13.045, 25.554 by changing the saturation by 10% instead.

61, 13.045, 25.554

61, 13.045, 25.554

100, 13.045,
25.554

51, 13.045, 25.554

81, 13.045, 25.554

41, 13.045, 25.554

91, 13.045, 25.554

31, 13.045, 25.554

21, 13.045, 25.554

11, 13.045, 25.554

1, 13.045, 25.554

0, 13.045, 25.554

61, 13.045, 25.554

61, 13.045, 25.554

57, 20.430, 26.349

66, 6.199, 24.949

52, 28.348, 27.395

70, 0.128, 208.503

48, 36.740, 28.778

75, 5.973, 204.392

45, 45.479, 30.577

80, 11.386,
204.137

41, 54.351, 32.839

85, 16.414,
203.974

39, 63.001, 35.498

37, 70.735, 38.180

90, 21.103,
203.867

36, 76.731, 40.562

94, 25.592,
200.310

36, 76.850, 40.623

95, 26.284,
197.797

Harmonies

Complementary

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



61, 13.045, 25.554



67, 11.440, 204.063

Rectangle

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



61, 13.045, 25.554



61, 13.045, 75.554



61, 13.045, 205.554



61, 13.045, 255.554

Sweetspot

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



61, 13.044, 25.562



86, 4.653, 24.730



61, 22.186, 326.893



45, 3.090, 24.769



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 13.044, 25.562



75, 20.032, 25.900



65, 12.075, 78.126



34, 3.606, 24.922



31, 69.183, 40.346



2, 7.439, 23.606

Inverse Universe

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



67, 11.440, 204.063



85, 16.980, 203.956



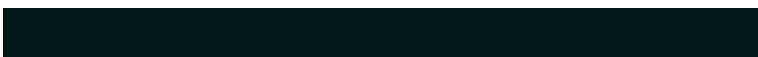
63, 11.654, 263.486



36, 3.399, 204.393



53, 31.341, 206.122



6, 7.187, 207.181

Previews

White Background



This preview shows how the CIELCh color 61, 13.045, 25.554 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 61, 13.045, 25.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

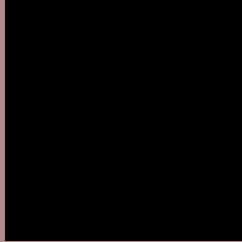
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 13.045, 25.554

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.045, 25.554.



This preview shows how white text looks on a background with the CIELCh color 61, 13.045, 25.554.

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

61, 13.045, 25.554

Protanopia

61, 3.201, 80.377

Deuteranopia

61, 9.732, 36.890



Tritanopia
61, 15.105, 356.985

Trichromacy



Original Color
61, 13.045, 25.554

Protanomaly
61, 6.393, 40.368

Deuteranomaly
61, 10.788, 32.311

Tritanomaly
61, 13.953, 6.973

Monochromacy



Original Color
61, 13.045, 25.554

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 4.361, 27.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.045, 25.554 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(172, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(172, 140, 138)  
}
```

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(172, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 140, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.045, 25.554 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(172, 140, 138) }
```

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

```
.border{ border-color:rgb(172, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(172, 140,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.045, 25.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 140, 138) }
```

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

```
.background{ background-color: rgb(172,  
140, 138) }
```

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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