

Converting Colors

CIELCh(61, 14.438, 20.801)

Have a look what the booklet for
CIELCh(61, 14.438, 20.801) contains.

CIELCh(61, 14.186, 20.817)	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(61, 14.186, 20.817)

Conversions

Conversions Part 1

Format	Color
Hex	AE8B8B
RGB	174, 139, 139
RGB Percent	68%, 55%, 55%
CMY	0.3184, 0.4556, 0.4556
CMYK	0.00, 0.20, 0.20, 0.32
HSL	0°, 18%, 61%
HSV	0°, 20%, 68%
XYZ	31.2663, 29.2481, 28.3542
YIQ	149.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

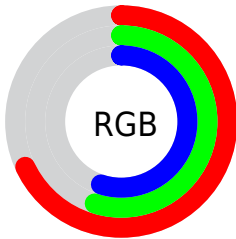
Format	Color
RYB	174, 139, 139
Decimal	11438987
CIELab	61.00, 13.26, 5.04
CIElCh	61, 14.186, 20.817
Yxy	29.2481, 0.3518, 0.3291
Android (android.graphics.Color)	4289629067 (0xFFAE8B8B)
YUV	149.4650, -5.1592, 21.5172
Hunter-Lab	54.0815, 8.5540, 6.7721

Details

The CIELCh color $61, 14.186, 20.817$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 12.451, 198.411$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 14.070, 22.619$, and $41, 14.151, 21.365$ is the 20% darker color. If you saturate the color by 10%, you get $56, 22.045, 21.881$, and if you desaturate by 10%, it is $66, 6.867, 19.981$.

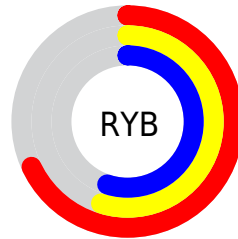
Distribution



Red (68%)

Green (55%)

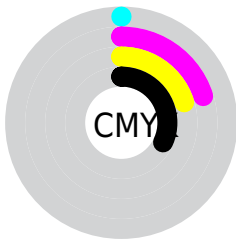
Blue (55%)



Red (68%)

Yellow (55%)

Blue (55%)

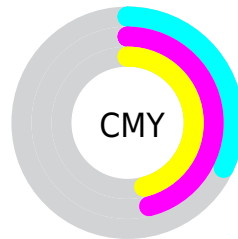


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 14.186, 20.817 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, 14.186, 20.817 by changing the saturation by 10% instead.

■ 61, 14.186, 20.817

■ 61, 14.186, 20.817

■ 100, 14.186,
20.817

■ 51, 14.186, 20.817

■ 81, 14.186, 20.817

■ 41, 14.186, 20.817

■ 91, 14.186, 20.817

■ 31, 14.186, 20.817

■ 21, 14.186, 20.817

■ 11, 14.186, 20.817

■ 1, 14.186, 20.817

■ 0, 14.186, 20.817

■ 61, 14.186, 20.817

■ 61, 14.186, 20.817

■ 56, 22.045, 21.881

■ 66, 6.867, 19.981

52, 30.410, 23.250

71, 0.087, 13.704

48, 39.172, 25.030

76, 6.188, 199.012

44, 48.143, 27.330

81, 12.003,
198.580

41, 57.050, 30.220

86, 17.407,
198.252

38, 65.509, 33.625

37, 72.826, 37.089

92, 22.448,
197.990

36, 78.375, 39.933

95, 25.715,
197.832

Harmonies

Complementary

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



61, 14.186, 20.817



69, 12.451, 198.411

Rectangle

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



61, 14.186, 20.817



61, 14.186, 70.817



61, 14.186, 200.817



61, 14.186, 250.817

Sweetspot

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



61, 14.184, 20.824



86, 4.974, 19.660



62, 23.576, 325.518



46, 3.334, 19.712



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 14.184, 20.824



75, 21.355, 21.246



66, 12.023, 72.954



34, 3.817, 19.916



31, 69.981, 39.448



2, 7.801, 19.410

Inverse Universe

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



69, 12.451, 198.411



87, 18.180, 198.204



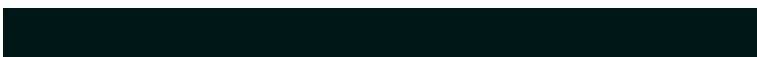
64, 11.411, 258.277



36, 3.603, 198.996



56, 33.804, 196.398



6, 7.800, 199.432

Previews

White Background



This preview shows how the CIELCh color 61, 14.186, 20.817 looks on a white background.

Color Contrast Check

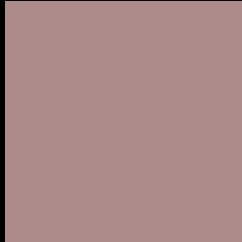
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 14.186, 20.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

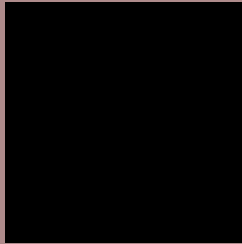
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 14.186, 20.817

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.186, 20.817.



This preview shows how white text looks on a background with the CIELCh color 61, 14.186, 20.817.

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, 14.186, 20.817

Protanopia

61, 2.723, 74.685

Deuteranopia

61, 9.559, 33.744



Tritanopia
61, 16.230, 358.896

Trichromacy



Original Color
61, 14.186, 20.817

Protanomaly
61, 6.203, 35.585

Deuteranomaly
61, 11.064, 29.121

Tritanomaly
61, 15.258, 6.186

Monochromacy



Original Color
61, 14.186, 20.817

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 5.120, 19.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.186, 20.817 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(174, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(174, 139, 139)  
}
```

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(174, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 139, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.186, 20.817 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(174, 139, 139) }
```

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

```
.border{ border-color:rgb(174, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(174, 139,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.186, 20.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 139, 139) }
```

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

```
.background{ background-color: rgb(174,  
139, 139) }
```

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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