

Converting Colors

CIELCh(62, 36.180, 311.929)

Have a look what the booklet for
CIELCh(62, 36.180, 311.929)
contains.

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Color

CIELCh(62, 36.214, 311.913)

Conversions

Conversions Part 1

Format	Color
Hex	AA89C6
RGB	170, 137, 198
RGB Percent	67%, 54%, 78%
CMY	0.3344, 0.4637, 0.2246
CMYK	0.14, 0.31, 0.00, 0.22
HSL	272°, 35%, 66%
HSV	272°, 31%, 78%
XYZ	35.5939, 30.4025, 57.2581
YIQ	153.8210, 0.0870, 25.9670

Conversions

Conversions Part 2

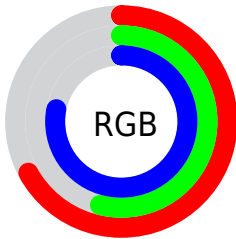
Format	Color
RYB	170, 137, 198
Decimal	11176390
CIELab	62.00, 24.19, -26.95
CIELCh	62, 36.214, 311.913
Yxy	30.4025, 0.2888, 0.2467
Android (android.graphics.Color)	4289366470 (0xFFAA89C6)
YUV	153.8210, 21.7802, 14.1890
Hunter-Lab	55.1385, 18.7357, -22.9723

Details

The CIELCh color $62, 36.214, 311.913$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 34.833, 129.079$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 36.060, 311.842$, and $42, 36.061, 311.836$ is the 20% darker color. If you saturate the color by 10%, you get $56, 48.352, 312.416$, and if you desaturate by 10%, it is $68, 24.197, 311.417$.

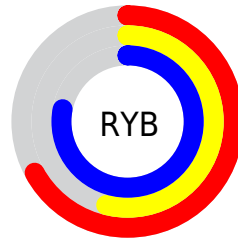
Distribution



Red (67%)

Green (54%)

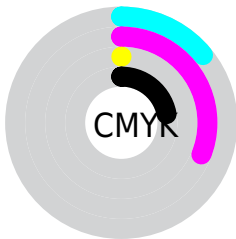
Blue (78%)



Red (67%)

Yellow (54%)

Blue (78%)

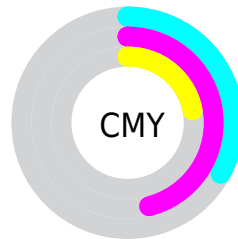


Cyan (14%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (33%)


Magenta (46%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 36.214, 311.913 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 62, 36.214, 311.913 by changing the saturation by 10% instead.


 62, 36.214,
311.913


 62, 36.214,
311.913


 100, 36.214,
311.913


 52, 36.214,
311.913


 82, 36.214,
311.913

 42, 36.214,
311.913

 92, 36.214,
311.913

 32, 36.214,
311.913

 22, 36.214,
311.913

 12, 36.214,
311.913

 2, 36.214, 311.913

 0, 36.214, 311.913

62, 36.214,
311.913

62, 36.214,
311.913

56, 48.352,
312.416

68, 24.197,
311.417

51, 60.407,
312.897

73, 12.425,
310.943

46, 72.032,
313.309

79, 0.957, 310.384

41, 82.701,
313.585

85, 10.179,
130.139

37, 91.707,
313.634

91, 20.978,
129.779

34, 98.281,
313.350

97, 31.211,
129.358

32, 102.182,
312.816

97, 30.086,
123.574

98, 29.301,
117.293

 99, 28.905,
110.649

Harmonies

Complementary

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



62, 36.214, 311.913



76, 34.833, 129.079

Rectangle

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



62, 36.214, 311.913



62, 36.214, 1.913



62, 36.214, 131.913



62, 36.214, 181.913

Sweetspot

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



62, 36.212, 311.913



94, 12.654, 310.865



67, 19.965, 263.857



49, 8.810, 310.933



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 36.212, 311.913



74, 53.728, 312.251



65, 39.157, 327.037



39, 6.519, 310.876



26, 88.496, 312.974



2, 22.547, 307.441

Inverse Universe

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



64, 27.981, 348.923



77, 41.323, 349.760



74, 39.161, 143.164



39, 5.063, 346.676



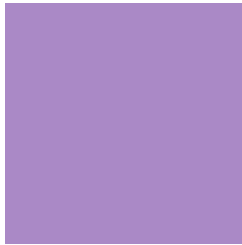
35, 60.472, 5.446



4, 17.487, 355.450

Previews

White Background



This preview shows how the CIELCh color 62, 36.214, 311.913 looks on a white background.

Color Contrast Check

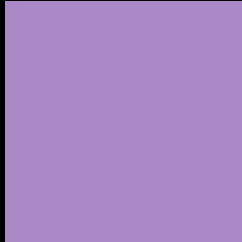
Large Text (above 18pt) WCAG AA × Fail

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 62, 36.214, 311.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

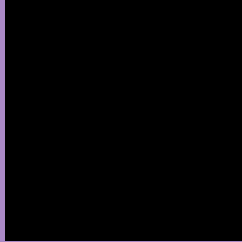
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.214, 311.913

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.214, 311.913.



This preview shows how white text looks on a background with the CIELCh color 62, 36.214, 311.913.

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





Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 36.214, 311.913

Protanomaly
62, 33.186, 294.830

Deuteranomaly
62, 30.559, 298.449

Tritanomaly
62, 18.468, 319.333

Monochromacy



Original Color
62, 36.214, 311.913

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 13.163, 311.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.214, 311.913 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, 137, 198)` looks like.

```
.text, #text, p{  
    color:rgb(170, 137, 198)  
}
```

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, 137, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 137, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.214, 311.913 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, 137, 198) }
```

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

```
.border{ border-color:rgb(170, 137, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 137, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 137, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 137, 198); box-shadow:4px 4px 4px 4px rgb(170, 137, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.214, 311.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 137, 198) }
```

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

```
.background{ background-color: rgb(170,  
137, 198) }
```

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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