

Converting Colors

CIELCh(62, 19.320, 320.576)

Have a look what the booklet for
CIELCh(62, 19.320, 320.576)
contains.

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Color

CIELCh(62, 19.298, 320.572)

Conversions

Conversions Part 1

Format	Color
Hex	A78EAC
RGB	167, 142, 172
RGB Percent	65%, 56%, 67%
CMY	0.3463, 0.4443, 0.3267
CMYK	0.03, 0.17, 0.00, 0.33
HSL	290°, 15%, 61%
HSV	290°, 17%, 67%
XYZ	32.9132, 30.4025, 43.0039
YIQ	152.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

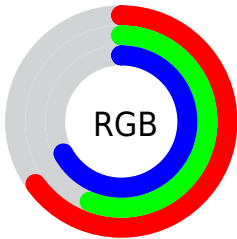
Format	Color
RYB	167, 142, 172
Decimal	10981036
CIELab	62.00, 14.91, -12.26
CIElCh	62, 19.298, 320.572
Yxy	30.4025, 0.3096, 0.2860
Android (android.graphics.Color)	4289171116 (0xFFA78EAC)
YUV	152.8950, 9.4188, 12.3701
Hunter-Lab	55.1385, 10.0575, -7.6448

Details

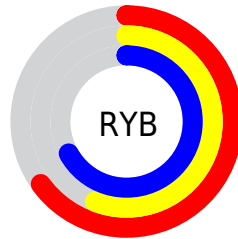
The CIELCh color $62, 19.298, 320.572$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $68, 19.163, 138.937$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.918, 320.570$, and $42, 19.226, 320.447$ is the 20% darker color. If you saturate the color by 10%, you get $57, 30.475, 321.024$, and if you desaturate by 10%, it is $67, 8.187, 320.107$.

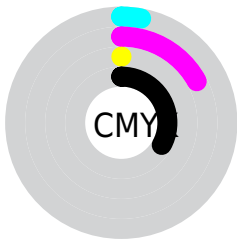
Distribution



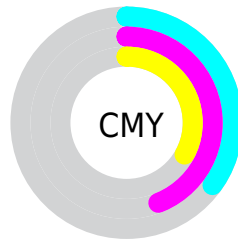
- Red (65%)
- Green (56%)
- Blue (67%)



- Red (65%)
- Yellow (56%)
- Blue (67%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)





- Cyan (35%)
- Magenta (44%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.298, 320.572 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, 19.298, 320.572 by changing the saturation by 10% instead.


 62, 19.298,
320.572


 62, 19.298,
320.572


 100, 19.298,
320.572


 52, 19.298,
320.572


 82, 19.298,
320.572

 42, 19.298,
320.572

 92, 19.298,
320.572

 32, 19.298,
320.572

 22, 19.298,
320.572

 12, 19.298,
320.572

 2, 19.298, 320.572

 0, 19.298, 320.572

62, 19.298,
320.572

62, 19.298,
320.572

57, 30.475,
321.024

67, 8.187, 320.107

53, 41.549,
321.455

71, 2.740, 139.759

49, 52.262,
321.843

76, 13.418,
139.278

45, 62.261,
322.159

81, 23.813,
138.870

42, 71.104,
322.368

86, 33.909,
138.492

39, 78.307,
322.432

91, 43.704,
138.141

37, 83.451,
322.315

94, 49.220,
137.573

36, 86.480,

94, 48.695,
136.623

322.007

■ 94, 48.180,
135.643

■ 36, 87.139,
321.922

Harmonies

Complementary

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



62, 19.298, 320.572



68, 19.163, 138.937

Rectangle

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



62, 19.298, 320.572



62, 19.298, 10.572



62, 19.298, 140.572



62, 19.298, 190.572

Sweetspot

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



62, 19.296, 320.572



86, 6.805, 319.989



61, 13.873, 283.556



45, 4.639, 320.024



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 19.296, 320.572



77, 28.908, 320.750



62, 16.241, 336.172



34, 6.268, 320.194



31, 79.055, 321.985



2, 12.908, 317.886

Inverse Universe

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



62, 12.222, 7.467



77, 18.463, 7.925



68, 16.109, 153.693



34, 3.905, 6.588



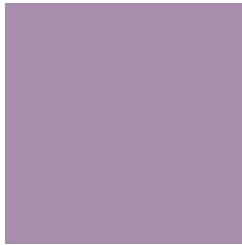
31, 63.529, 30.922



2, 7.973, 8.248

Previews

White Background



This preview shows how the CIELCh color 62, 19.298, 320.572 looks on a white background.

Color Contrast Check

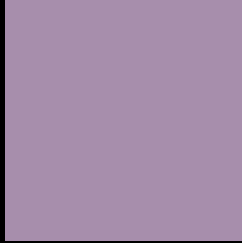
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 19.298, 320.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

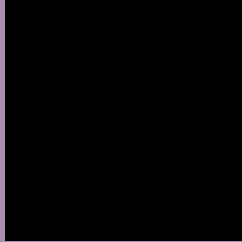
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.298, 320.572

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.298, 320.572.



This preview shows how white text looks on a background with the CIELCh color 62, 19.298, 320.572.

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


62, 19.298, 320.572

Protanopia

62, 15.187, 286.459

Deuteranopia

62, 14.488, 304.830



Tritanopia
62, 10.266, 339.515

Trichromacy



Original Color
62, 19.298, 320.572

Protanomaly
62, 15.992, 300.988

Deuteranomaly
62, 16.230, 311.660

Tritanomaly
62, 13.600, 329.162

Monochromacy



Original Color
62, 19.298, 320.572

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.084, 319.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.298, 320.572 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(167, 142, 172)` looks like.

```
.text, #text, p{  
    color:rgb(167, 142, 172)  
}
```

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(167, 142, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 142, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.298, 320.572 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(167, 142, 172) }
```

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

```
.border{ border-color:rgb(167, 142, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 142, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 142, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 142, 172);  
box-shadow:4px 4px 4px 4px rgb(167, 142,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.298, 320.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 142, 172) }
```

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

```
.background{ background-color: rgb(167,  
142, 172) }
```

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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