

Converting Colors

CIELCh(62, 21.935, 321.634)

Have a look what the booklet for
CIELCh(62, 21.935, 321.634)
contains.

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Color

CIELCh(62, 22.145, 322.125)

Conversions

Conversions Part 1

Format	Color
Hex	AA8CAE
RGB	170, 140, 174
RGB Percent	67%, 55%, 68%
CMY	0.3329, 0.4506, 0.3172
CMYK	0.02, 0.20, 0.00, 0.32
HSL	293°, 17%, 62%
HSV	293°, 20%, 68%
XYZ	33.6423, 30.4025, 44.1922
YIQ	152.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

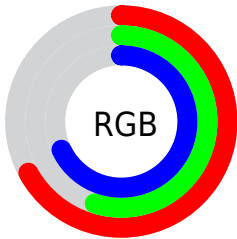
Format	Color
R _{YB}	170, 140, 174
Decimal	11177134
CIE _{Lab}	62.00, 17.48, -13.60
CIE _{LCh}	62, 22.145, 322.125
Yxy	30.4025, 0.3108, 0.2809
Android (android.graphics.Color)	4289367214 (0xFFAA8CAE)
YUV	152.8460, 10.4289, 15.0441
Hunter-Lab	55.1385, 12.4180, -8.9226

Details

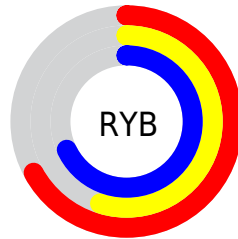
The CIELCh color $62, 22.145, 322.125$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 22.026, 140.174$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 22.257, 322.144$, and $42, 22.234, 322.184$ is the 20% darker color. If you saturate the color by 10%, you get $58, 33.552, 322.592$, and if you desaturate by 10%, it is $67, 10.740, 321.643$.

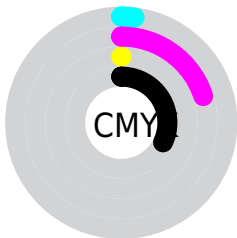
Distribution



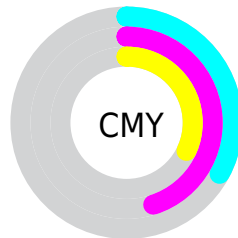
- Red (67%)
- Green (55%)
- Blue (68%)



- Red (67%)
- Yellow (55%)
- Blue (68%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)





- Cyan (33%)
- Magenta (45%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 22.145, 322.125 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, 22.145, 322.125 by changing the saturation by 10% instead.


 62, 22.145,
322.125


 62, 22.145,
322.125


 100, 22.145,
322.125


 52, 22.145,
322.125


 82, 22.145,
322.125

 42, 22.145,
322.125

 92, 22.145,
322.125

 32, 22.145,
322.125

 22, 22.145,
322.125

 12, 22.145,
322.125

 2, 22.145, 322.125

 0, 22.145, 322.125

62, 22.145,
322.125

62, 22.145,
322.125

58, 33.552,
322.592

67, 10.740,
321.643

53, 44.755,
323.033

71, 0.517, 141.595

49, 55.457,
323.425

76, 11.542,
140.758

46, 65.265,
323.742

81, 22.285,
140.316

43, 73.720,
323.955

86, 32.722,
139.904

40, 80.361,
324.032

91, 42.845,
139.519


39, 84.847,
323.949


94, 48.607,
139.040

38, 87.431,

94, 48.219,
138.374

323.723

 94, 47.837,
137.692

 38, 87.544,
323.712

Harmonies

Complementary

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



62, 22.145, 322.125



68, 22.026, 140.174

Rectangle

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



62, 22.145, 322.125



62, 22.145, 12.125



62, 22.145, 142.125



62, 22.145, 192.125

Sweetspot

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



62, 22.143, 322.125



87, 8.368, 321.470



61, 16.664, 286.506



46, 5.598, 321.503



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 22.143, 322.125



77, 32.396, 322.308



62, 17.759, 338.553



34, 6.358, 321.631



32, 78.610, 323.762



2, 13.155, 319.804

Inverse Universe

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



61, 13.778, 11.508



76, 20.363, 11.963



68, 17.547, 155.604



34, 3.857, 10.435



31, 65.589, 34.089



2, 7.892, 11.475

Previews

White Background



This preview shows how the CIELCh color 62, 22.145, 322.125 looks on a white background.

Color Contrast Check

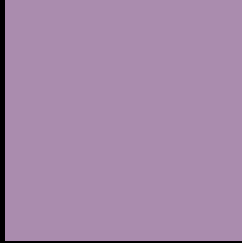
Large Text (above 18pt) WCAG AA × Fail

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, 22.145, 322.125 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, 22.145, 322.125

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.145, 322.125.



This preview shows how white text looks on a background with the CIELCh color 62, 22.145, 322.125.

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, 22.145, 322.125

Protanopia

62, 17.470, 285.168

Deuteranopia

62, 15.506, 302.618



Tritanopia
62, 10.856, 345.985

Trichromacy



Original Color
62, 22.145, 322.125

Protanomaly
62, 18.208, 300.014

Deuteranomaly
62, 17.403, 311.577

Tritanomaly
62, 14.330, 332.900

Monochromacy



Original Color
62, 22.145, 322.125

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.438, 320.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.145, 322.125 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, 140, 174)` looks like.

```
.text, #text, p{  
    color:rgb(170, 140, 174)  
}
```

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, 140, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 140, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.145, 322.125 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, 140, 174) }
```

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

```
.border{ border-color:rgb(170, 140, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 140, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 140, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 140, 174);  
box-shadow:4px 4px 4px 4px rgb(170, 140,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.145, 322.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 140, 174) }
```

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

```
.background{ background-color: rgb(170,  
140, 174) }
```

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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