

Converting Colors

CIELCh(62, 20.880, 325.284)

Have a look what the booklet for
CIELCh(62, 20.880, 325.284)
contains.

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Color

CIELCh(62, 20.943, 325.408)

Conversions

Conversions Part 1

Format	Color
Hex	AB8CAB
RGB	171, 140, 171
RGB Percent	67%, 55%, 67%
CMY	0.3290, 0.4505, 0.3290
CMYK	0.00, 0.18, 0.00, 0.33
HSL	300°, 16%, 61%
HSV	300°, 18%, 67%
XYZ	33.5740, 30.4025, 42.6826
YIQ	152.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

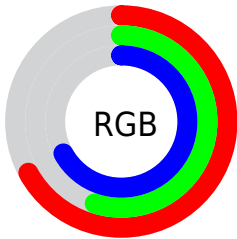
Format	Color
RYB	171, 140, 171
Decimal	11242667
CIELab	62.00, 17.24, -11.89
CIELCh	62, 20.943, 325.408
Yxy	30.4025, 0.3148, 0.2850
Android (android.graphics.Color)	4289432747 (0xFFAB8CAB)
YUV	152.8030, 8.9711, 15.9588
Hunter-Lab	55.1385, 12.1968, -7.2993

Details

The CIELCh color $62, 20.943, 325.408$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67, 20.924, 143.324$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 20.695, 326.055$, and $42, 20.737, 324.728$ is the 20% darker color. If you saturate the color by 10%, you get $58, 32.492, 325.943$, and if you desaturate by 10%, it is $66, 9.342, 324.855$.

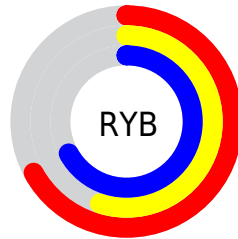
Distribution



Red (67%)

Green (55%)

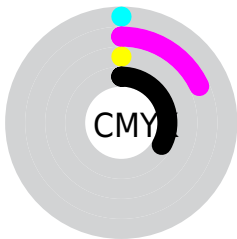
Blue (67%)



Red (67%)

Yellow (55%)

Blue (67%)

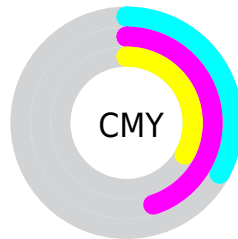


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (45%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 20.943, 325.408 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, 20.943, 325.408 by changing the saturation by 10% instead.

 62, 20.943,
325.408


 62, 20.943,
325.408


 100, 20.943,
325.408

 52, 20.943,
325.408


 82, 20.943,
325.408

 42, 20.943,
325.408

 92, 20.943,
325.408

 32, 20.943,
325.408

 22, 20.943,
325.408

 12, 20.943,
325.408

 2, 20.943, 325.408

 0, 20.943, 325.408

62, 20.943,
325.408

62, 20.943,
325.408

58, 32.492,
325.943

66, 9.342, 324.855

54, 43.757,
326.453

71, 2.139, 144.450

50, 54.415,
326.924

75, 13.394,
143.834

47, 64.068,
327.341

80, 24.358,
143.318

45, 72.284,
327.686

85, 34.999,
142.830

43, 78.664,
327.949

90, 45.304,
142.367


41, 82.955,
328.123


93, 52.458,
142.054

41, 85.321,

93, 52.458,
142.054

328.218

 93, 52.458,
142.054

 41, 85.702,
328.233

Harmonies

Complementary

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



62, 20.943, 325.408



67, 20.924, 143.324

Rectangle

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



62, 20.943, 325.408



62, 20.943, 15.408



62, 20.943, 145.408



62, 20.943, 195.408

Sweetspot

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



62, 20.941, 325.408



86, 7.095, 324.677



59, 17.579, 292.156



45, 4.881, 324.718



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, 20.941, 325.408



76, 31.427, 325.639



62, 14.841, 345.184



34, 6.590, 324.923



35, 77.961, 328.233



2, 13.856, 324.439

Inverse Universe

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



62, 20.941, 325.408



76, 31.427, 325.639



67, 14.511, 162.118



34, 6.590, 324.923



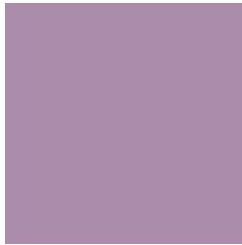
35, 77.961, 328.233



2, 13.856, 324.439

Previews

White Background



This preview shows how the CIELCh color 62, 20.943, 325.408 looks on a white background.

Color Contrast Check

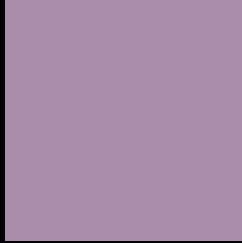
Large Text (above 18pt) WCAG AA × Fail

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, 20.943, 325.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

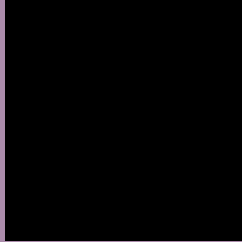
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.943, 325.408

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.943, 325.408.



This preview shows how white text looks on a background with the CIELCh color 62, 20.943, 325.408.

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, 20.943, 325.408

Protanopia

62, 15.772, 285.453

Deuteranopia

62, 13.943, 305.333



Tritanopia
62, 11.856, 349.381

Trichromacy



Original Color
62, 20.943, 325.408

Protanomaly
62, 16.607, 301.953

Deuteranomaly
62, 15.983, 314.879

Tritanomaly
62, 14.759, 337.872

Monochromacy



Original Color
62, 20.943, 325.408

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.168, 324.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.943, 325.408 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(171, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 140, 171)  
}
```

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(171, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 140, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.943, 325.408 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(171, 140, 171) }
```

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

```
.border{ border-color:rgb(171, 140, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 140, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 140, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 140, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 140,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.943, 325.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 140, 171) }
```

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

```
.background{ background-color: rgb(171,  
140, 171) }
```

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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