

Converting Colors

CIELCh(62, 32.004, 307.677)

Have a look what the booklet for
CIELCh(62, 32.004, 307.677)
contains.

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Color

CIELCh(62, 32.041, 307.685)

Conversions

Conversions Part 1

Format	Color
Hex	A38CC3
RGB	163, 140, 195
RGB Percent	64%, 55%, 76%
CMY	0.3615, 0.4517, 0.2360
CMYK	0.16, 0.28, 0.00, 0.24
HSL	265°, 31%, 66%
HSV	265°, 28%, 76%
XYZ	34.2472, 30.4025, 55.5805
YIQ	153.1470, -3.9470, 21.9810

Conversions

Conversions Part 2

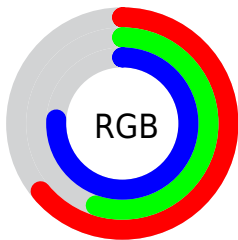
Format	Color
RYB	163, 140, 195
Decimal	10718403
CIELab	62.00, 19.59, -25.36
CIELCh	62, 32.041, 307.685
Yxy	30.4025, 0.2848, 0.2529
Android (android.graphics.Color)	4288908483 (0xFFA38CC3)
YUV	153.1470, 20.6335, 8.6411
Hunter-Lab	55.1385, 14.3762, -21.1683

Details

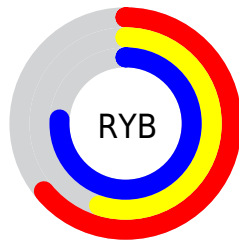
The CIELCh color $62, 32.041, 307.685$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 30.588, 124.768$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 31.952, 307.242$, and $42, 31.818, 307.920$ is the 20% darker color. If you saturate the color by 10%, you get $56, 43.963, 308.320$, and if you desaturate by 10%, it is $68, 20.384, 307.092$.

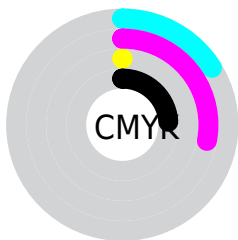
Distribution



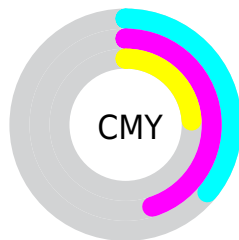
- Red (64%)
- Green (55%)
- Blue (76%)



- Red (64%)
- Yellow (55%)
- Blue (76%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (24%)





- Cyan (36%)
- Magenta (45%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 32.041, 307.685 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, 32.041, 307.685 by changing the saturation by 10% instead.

 62, 32.041,
307.685


 62, 32.041,
307.685


 100, 32.041,
307.685


 52, 32.041,
307.685


 82, 32.041,
307.685

 42, 32.041,
307.685

 92, 32.041,
307.685

 32, 32.041,
307.685

 22, 32.041,
307.685

 12, 32.041,
307.685

 2, 32.041, 307.685

 0, 32.041, 307.685

62, 32.041,
307.685

62, 32.041,
307.685

56, 43.963,
308.320

68, 20.384,
307.092

50, 56.024,
308.977

74, 9.060, 306.549

45, 67.973,
309.616

80, 1.912, 126.124

40, 79.376,
310.168

86, 12.527,
125.660

35, 89.551,
310.533

92, 22.796,
125.283

32, 97.594,
310.577

97, 31.760,
124.362


29, 102.879,
310.219

98, 30.753,
116.909

29, 103.726,

99, 30.329,
108.948

310.158

 99, 30.320,
107.872

Harmonies

Complementary

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



62, 32.041, 307.685



76, 30.588, 124.768

Rectangle

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



62, 32.041, 307.685



62, 32.041, 357.685



62, 32.041, 127.685



62, 32.041, 177.685

Sweetspot

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



62, 32.039, 307.685



93, 10.874, 306.544



69, 16.279, 249.835



49, 7.809, 306.624



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, 32.039, 307.685



74, 48.042, 308.081



65, 35.453, 323.557



38, 6.228, 306.609



23, 89.762, 310.313



2, 19.971, 302.608

Inverse Universe

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



64, 27.257, 341.826



78, 40.515, 342.448



74, 35.286, 140.474



38, 5.385, 340.165



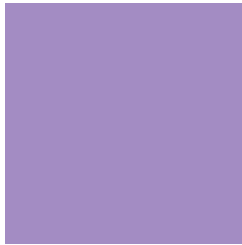
35, 61.500, 354.092



3, 16.655, 347.370

Previews

White Background



This preview shows how the CIELCh color 62, 32.041, 307.685 looks on a white background.

Color Contrast Check

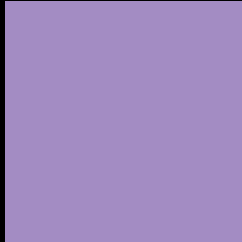
Large Text (above 18pt) WCAG AA × Fail

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, 32.041, 307.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

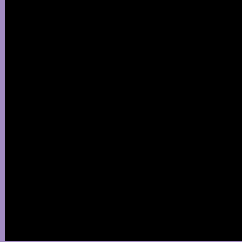
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 32.041, 307.685

Background



This preview shows how black text looks on a background with the CIELCh color 62, 32.041, 307.685.



This preview shows how white text looks on a background with the CIELCh color 62, 32.041, 307.685.

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](#).

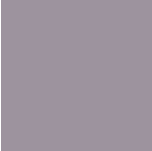
Dichromacy



Original Color
62, 32.041, 307.685

Protanopia
62, 29.889, 285.309

Deuteranopia
62, 25.859, 288.513



Tritanopia
62, 7.294, 322.275

Trichromacy



Original Color
62, 32.041, 307.685

Protanomaly
62, 30.349, 293.420

Deuteranomaly
62, 28.218, 296.618

Tritanomaly
62, 16.230, 311.660

Monochromacy



Original Color
62, 32.041, 307.685

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 11.752, 307.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 32.041, 307.685 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(163, 140, 195)` looks like.

```
.text, #text, p{  
    color:rgb(163, 140, 195)  
}
```

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(163, 140, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 140, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 32.041, 307.685 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(163, 140, 195) }
```

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

```
.border{ border-color:rgb(163, 140, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 140, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 140, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 140, 195);  
box-shadow:4px 4px 4px 4px rgb(163, 140,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 32.041, 307.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 140, 195) }
```

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

```
.background{ background-color: rgb(163,  
140, 195) }
```

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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