

Converting Colors

CIELCh(62, 32.336, 301.715)

Have a look what the booklet for
CIELCh(62, 32.336, 301.715)
contains.

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Color

CIELCh(62, 32.441, 301.287)

Conversions

Conversions Part 1

Format	Color
Hex	9B8EC7
RGB	155, 142, 199
RGB Percent	61%, 56%, 78%
CMY	0.3925, 0.4434, 0.2199
CMYK	0.22, 0.29, 0.00, 0.22
HSL	254°, 34%, 67%
HSV	254°, 29%, 78%
XYZ	33.4621, 30.4025, 58.0860
YIQ	152.3850, -10.5490, 20.4830

Conversions

Conversions Part 2

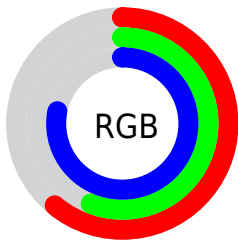
Format	Color
R _Y B	155, 142, 199
Decimal	10194631
CIE Lab	62.00, 16.85, -27.72
CIE LCh	62, 32.441, 301.287
Yxy	30.4025, 0.2744, 0.2493
Android (android.graphics.Color)	4288384711 (0xFF9B8EC7)
YUV	152.3850, 22.9812, 2.2934
Hunter-Lab	55.1385, 11.8345, -23.8625

Details

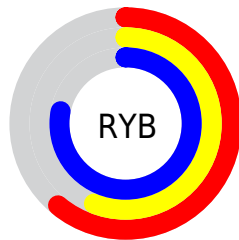
The CIELCh color $62, 32.441, 301.287$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 30.497, 117.208$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 31.767, 301.143$, and $42, 32.354, 301.307$ is the 20% darker color. If you saturate the color by 10%, you get $56, 44.559, 302.272$, and if you desaturate by 10%, it is $68, 20.728, 300.413$.

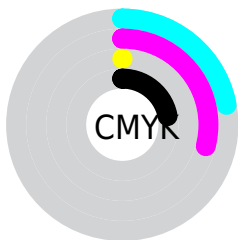
Distribution



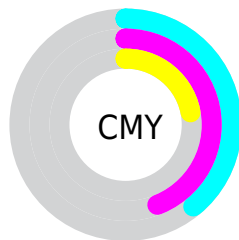
- Red (61%)
- Green (56%)
- Blue (78%)



- Red (61%)
- Yellow (56%)
- Blue (78%)



- Cyan (22%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)





- Cyan (39%)
- Magenta (44%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 32.441, 301.287 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, 32.441, 301.287 by changing the saturation by 10% instead.

 62, 32.441,
301.287


 62, 32.441,
301.287


 100, 32.441,
301.287


 52, 32.441,
301.287


 82, 32.441,
301.287

 42, 32.441,
301.287

 92, 32.441,
301.287

 32, 32.441,
301.287

 22, 32.441,
301.287

 12, 32.441,
301.287

 2, 32.441, 301.287

 0, 32.441, 301.287

62, 32.441,
301.287

62, 32.441,
301.287

56, 44.559,
302.272

68, 20.728,
300.413

49, 57.015,
303.358

75, 9.440, 299.647

43, 69.621,
304.509

81, 1.433, 119.002

38, 81.970,
305.648

87, 11.911,
118.415

33, 93.290,
306.638

94, 22.015,
117.921

29, 102.382,
307.279

98, 28.460,
114.051

26, 108.267,
307.447

99, 28.275,
108.030

26, 108.975,

Harmonies

Complementary

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



62, 32.441, 301.287



78, 30.497, 117.208

Rectangle

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



62, 32.441, 301.287



62, 32.441, 351.287



62, 32.441, 121.287



62, 32.441, 171.287

Sweetspot

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



62, 32.440, 301.287



93, 12.024, 299.682



73, 16.202, 222.973



49, 8.378, 299.789



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, 32.440, 301.287



74, 47.601, 301.850



65, 34.902, 317.480



39, 6.195, 299.700



20, 93.945, 307.582



2, 21.701, 297.732

Inverse Universe

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



66, 32.015, 333.411



79, 46.367, 333.829



76, 34.215, 134.887



39, 6.298, 332.092



37, 69.535, 339.778



4, 21.896, 336.458

Previews

White Background



This preview shows how the CIELCh color 62, 32.441, 301.287 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, 32.441, 301.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

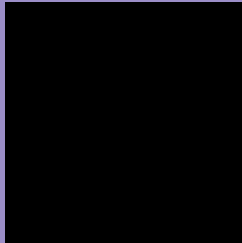
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 32.441, 301.287

Background



This preview shows how black text looks on a background with the CIELCh color 62, 32.441, 301.287.



This preview shows how white text looks on a background with the CIELCh color 62, 32.441, 301.287.

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

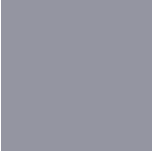
62, 32.441, 301.287

Protanopia

62, 31.022, 285.192

Deuteranopia

62, 28.700, 287.369



Tritanopia
62, 6.744, 287.758

Trichromacy



Original Color
62, 32.441, 301.287

Protanomaly
62, 31.433, 291.158

Deuteranomaly
62, 29.788, 292.733

Tritanomaly
62, 16.446, 298.222

Monochromacy



Original Color
62, 32.441, 301.287

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 11.964, 300.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 32.441, 301.287 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(155, 142, 199)` looks like.

```
.text, #text, p{  
    color:rgb(155, 142, 199)  
}
```

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(155, 142, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 142, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 32.441, 301.287 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(155, 142, 199) }
```

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

```
.border{ border-color:rgb(155, 142, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 142, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 142, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 142, 199);  
box-shadow:4px 4px 4px 4px rgb(155, 142,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 32.441, 301.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 142, 199) }
```

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

```
.background{ background-color: rgb(155,  
142, 199) }
```

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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