

Converting Colors

CIELCh(62, 26.449, 297.776)

Have a look what the booklet for
CIELCh(62, 26.449, 297.776)
contains.

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Color

CIELCh(62, 26.601, 298.172)

Conversions

Conversions Part 1

Format	Color
Hex	9790BF
RGB	151, 144, 191
RGB Percent	59%, 56%, 75%
CMY	0.4068, 0.4343, 0.2499
CMYK	0.21, 0.25, 0.00, 0.25
HSL	249°, 27%, 66%
HSV	249°, 25%, 75%
XYZ	32.2574, 30.4025, 53.6147
YIQ	151.4510, -10.9150, 16.1010

Conversions

Conversions Part 2

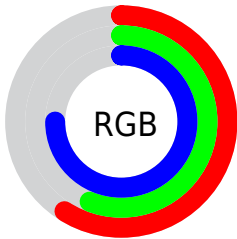
Format	Color
R_{YB}	151, 144, 191
Decimal	9932991
CIE _{Lab}	62.00, 12.56, -23.45
CIE _{LCh}	62, 26.601, 298.172
Yxy	30.4025, 0.2774, 0.2615
Android (android.graphics.Color)	4288123071 (0xFF9790BF)
YUV	151.4510, 19.4977, -0.3955
Hunter-Lab	55.1385, 7.9347, -19.0546

Details

The CIELCh color $62, 26.601, 298.172$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 25.171, 114.193$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.219, 298.231$, and $42, 26.140, 297.736$ is the 20% darker color. If you saturate the color by 10%, you get $56, 38.167, 299.287$, and if you desaturate by 10%, it is $68, 15.471, 297.201$.

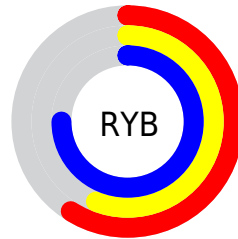
Distribution



Red (59%)

Green (56%)

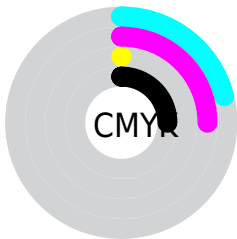
Blue (75%)



Red (59%)

Yellow (56%)

Blue (75%)

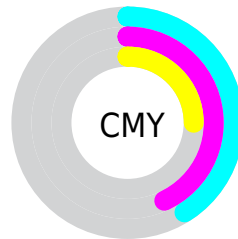


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (41%)


Magenta (43%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 26.601, 298.172 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, 26.601, 298.172 by changing the saturation by 10% instead.


 62, 26.601,
298.172


 62, 26.601,
298.172


 100, 26.601,
298.172


 52, 26.601,
298.172


 82, 26.601,
298.172

 42, 26.601,
298.172

 92, 26.601,
298.172

 32, 26.601,
298.172

 22, 26.601,
298.172

 12, 26.601,
298.172

 2, 26.601, 298.172

 0, 26.601, 298.172

62, 26.601,
298.172

62, 26.601,
298.172

56, 38.167,
299.287

68, 15.471,
297.201

49, 50.151,
300.552

75, 4.771, 296.364

81, 5.523, 115.641

43, 62.455,
301.947

87, 15.437,
115.024

38, 74.813,
303.413

93, 24.997,
114.494

32, 86.636,
304.827

98, 32.178,
111.846

28, 96.849,
305.985

99, 32.079,
107.737

25, 103.990,
306.634

24, 106.794,

Harmonies

Complementary

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



62, 26.601, 298.172



76, 25.171, 114.193

Rectangle

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



62, 26.601, 298.172



62, 26.601, 348.172



62, 26.601, 118.172



62, 26.601, 168.172

Sweetspot

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



62, 26.600, 298.171



93, 9.102, 296.564



73, 14.316, 212.232



49, 5.920, 296.613



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 26.600, 298.171



76, 39.375, 298.699



64, 28.408, 314.633



38, 6.021, 296.750



19, 93.746, 306.940



1, 19.559, 295.158

Inverse Universe

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



65, 28.113, 330.283



81, 41.179, 330.589



74, 27.754, 132.488



38, 6.520, 329.338



37, 72.897, 335.123



4, 21.041, 332.068

Previews

White Background



This preview shows how the CIELCh color 62, 26.601, 298.172 looks on a white background.

Color Contrast Check

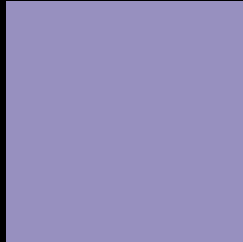
Large Text (above 18pt) WCAG AA × Fail

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, 26.601, 298.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

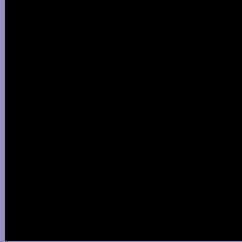
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 26.601, 298.172

Background



This preview shows how black text looks on a background with the CIELCh color 62, 26.601, 298.172.



This preview shows how white text looks on a background with the CIELCh color 62, 26.601, 298.172.

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](#).

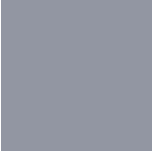
Dichromacy



Original Color
62, 26.601, 298.172

Protanopia
62, 25.931, 285.613

Deuteranopia
62, 24.715, 289.707



Tritanopia
62, 6.867, 278.458

Trichromacy



Original Color
62, 26.601, 298.172

Protanomaly
62, 25.830, 289.975

Deuteranomaly
62, 25.290, 292.897

Tritanomaly
62, 14.044, 291.710

Monochromacy



Original Color
62, 26.601, 298.172

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 9.622, 297.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 26.601, 298.172 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(151, 144, 191)` looks like.

```
.text, #text, p{  
    color:rgb(151, 144, 191)  
}
```

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(151, 144, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 144, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 26.601, 298.172 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(151, 144, 191) }
```

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

```
.border{ border-color:rgb(151, 144, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 144, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 144, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 144, 191);  
box-shadow:4px 4px 4px 4px rgb(151, 144,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 26.601, 298.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 144, 191) }
```

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

```
.background{ background-color: rgb(151,  
144, 191) }
```

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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