

Converting Colors

CIELCh(62, 26.615, 286.627)

Have a look what the booklet for
CIELCh(62, 26.615, 286.627)
contains.

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Color

CIELCh(62, 26.453, 286.543)

Conversions

Conversions Part 1

Format	Color
Hex	8B94C3
RGB	139, 148, 195
RGB Percent	55%, 58%, 76%
CMY	0.4567, 0.4214, 0.2372
CMYK	0.29, 0.24, 0.00, 0.24
HSL	230°, 32%, 65%
HSV	230°, 29%, 76%
XYZ	30.8827, 30.4025, 55.5818
YIQ	150.6670, -20.4510, 12.7090

Conversions

Conversions Part 2

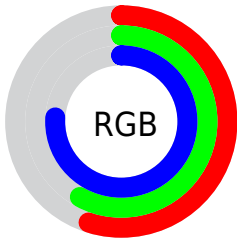
Format	Color
RYB	139, 147, 195
Decimal	9147587
CIELab	62.00, 7.53, -25.36
CIELCh	62, 26.453, 286.543
Yxy	30.4025, 0.2643, 0.2601
Android (android.graphics.Color)	4287337667 (0xFF8B94C3)
YUV	150.6670, 21.8562, -10.2320
Hunter-Lab	55.1385, 3.4842, -21.1698

Details

The CIELCh color $62, 26.453, 286.543$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 25.368, 99.434$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.565, 286.860$, and $42, 26.075, 285.772$ is the 20% darker color. If you saturate the color by 10%, you get $56, 36.264, 288.353$, and if you desaturate by 10%, it is $68, 16.979, 284.994$.

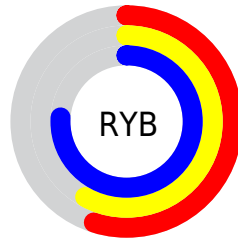
Distribution



Red (55%)

Green (58%)

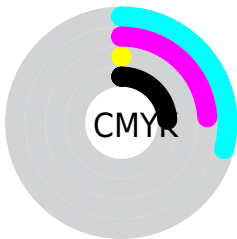
Blue (76%)



Red (55%)

Yellow (58%)

Blue (76%)

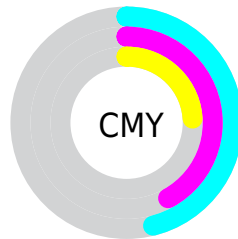


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (42%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 26.453, 286.543 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, 26.453, 286.543 by changing the saturation by 10% instead.


 62, 26.453,
286.543


 62, 26.453,
286.543


 100, 26.453,
286.543


 52, 26.453,
286.543


 82, 26.453,
286.543

 42, 26.453,
286.543

 92, 26.453,
286.543

 32, 26.453,
286.543

 22, 26.453,
286.543

 12, 26.453,
286.543

 2, 26.453, 286.543

 0, 26.453, 286.543

62, 26.453,
286.543

62, 26.453,
286.543

56, 36.264,
288.353

68, 16.979,
284.994

51, 46.442,
290.455

74, 7.816, 283.677

79, 1.060, 102.398

45, 56.998,
292.856

85, 9.670, 101.533

40, 67.878,
295.518

91, 18.028,
100.694

35, 78.862,
298.328

96, 26.136,
100.164

30, 89.405,
301.076

99, 30.468,
107.861

27, 98.550,
303.444

26, 99.527,

Harmonies

Complementary

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



62, 26.453, 286.543



75, 25.368, 99.434

Rectangle

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



62, 26.453, 286.543



62, 26.453, 336.543



62, 26.453, 106.543



62, 26.453, 156.543

Sweetspot

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



62, 26.452, 286.542



93, 9.907, 283.721



75, 20.141, 183.293



49, 6.956, 283.903



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, 26.452, 286.542



74, 40.218, 287.738



61, 32.315, 304.859



38, 5.037, 283.748



21, 85.438, 303.359



2, 17.280, 286.427

Inverse Universe

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



63, 22.943, 9.360



76, 35.021, 10.379



76, 30.601, 121.469



38, 4.275, 7.051



33, 67.115, 31.636



3, 14.192, 10.688

Previews

White Background



This preview shows how the CIELCh color 62, 26.453, 286.543 looks on a white background.

Color Contrast Check

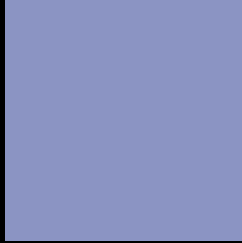
Large Text (above 18pt) WCAG AA × Fail

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, 26.453, 286.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

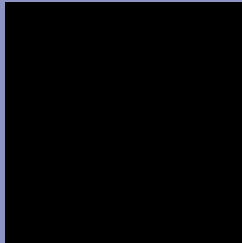
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 26.453, 286.543

Background



This preview shows how black text looks on a background with the CIELCh color 62, 26.453, 286.543.



This preview shows how white text looks on a background with the CIELCh color 62, 26.453, 286.543.

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, 26.453, 286.543

Protanopia

62, 26.517, 285.156

Deuteranopia

62, 26.991, 288.146



Tritanopia
62, 9.952, 241.685

Trichromacy



Original Color
62, 26.453, 286.543

Protanomaly
62, 26.483, 285.847

Deuteranomaly
62, 27.013, 287.459

Tritanomaly
62, 15.052, 268.535

Monochromacy



Original Color
62, 26.453, 286.543

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 9.588, 284.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 26.453, 286.543 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(139, 148, 195)` looks like.

```
.text, #text, p{  
    color:rgb(139, 148, 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(139, 148, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 148, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 26.453, 286.543 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(139, 148, 195) }
```

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

```
.border{ border-color:rgb(139, 148, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 148, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 148, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 148, 195);  
box-shadow:4px 4px 4px 4px rgb(139, 148,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 26.453, 286.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 148, 195) }
```

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

```
.background{ background-color: rgb(139,  
148, 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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