

Converting Colors

CIELCh(62, 24.797, 285.099)

Have a look what the booklet for
CIELCh(62, 24.797, 285.099)
contains.

CIELCh(62, 24.827, 285.122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 24.827, 285.122)

Conversions

Conversions Part 1

Format	Color
Hex	8A94C0
RGB	138, 148, 192
RGB Percent	54%, 58%, 75%
CMY	0.4587, 0.4195, 0.2469
CMYK	0.28, 0.23, 0.00, 0.25
HSL	229°, 30%, 65%
HSV	229°, 28%, 75%
XYZ	30.5991, 30.4025, 54.1436
YIQ	150.0260, -20.0840, 11.5640

Conversions

Conversions Part 2

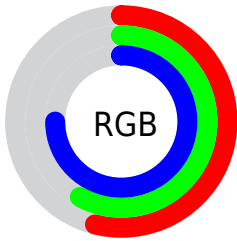
Format	Color
RYB	138, 146, 192
Decimal	9082048
CIELab	62.00, 6.48, -23.97
CIELCh	62, 24.827, 285.122
Yxy	30.4025, 0.2657, 0.2640
Android (android.graphics.Color)	4287272128 (0xFF8A94C0)
YUV	150.0260, 20.6932, -10.5468
Hunter-Lab	55.1385, 2.5662, -19.6233

Details

The CIELCh color $62, 24.827, 285.122$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74, 23.961, 98.065$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 25.050, 284.871$, and $42, 24.307, 284.815$ is the 20% darker color. If you saturate the color by 10%, you get $56, 34.205, 286.941$, and if you desaturate by 10%, it is $68, 15.752, 283.564$.

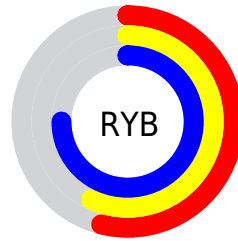
Distribution



Red (54%)

Green (58%)

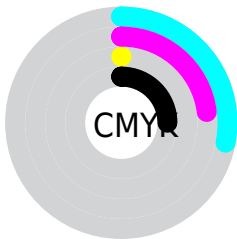
Blue (75%)



Red (54%)

Yellow (57%)

Blue (75%)

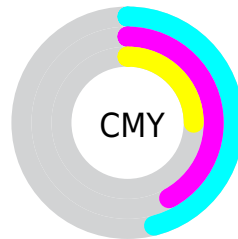


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (46%)


Magenta (42%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 24.827, 285.122 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, 24.827, 285.122 by changing the saturation by 10% instead.


 62, 24.827,
285.122


 62, 24.827,
285.122


 100, 24.827,
285.122


 52, 24.827,
285.122


 82, 24.827,
285.122

 42, 24.827,
285.122

 92, 24.827,
285.122

 32, 24.827,
285.122

 22, 24.827,
285.122

 12, 24.827,
285.122

 2, 24.827, 285.122

 0, 24.827, 285.122

■ 62, 24.827,
285.122

■ 62, 24.827,
285.122

■ 56, 34.205,
286.941

■ 68, 15.752,
283.564

■ 51, 43.919,
289.056

■ 73, 6.958, 282.241

■ 79, 1.576, 100.983

■ 45, 53.986,
291.480

■ 84, 9.868, 100.073

■ 40, 64.383,
294.185

■ 90, 17.931, 99.224

■ 35, 74.961,
297.077

■ 95, 25.777, 98.481

■ 99, 31.701,
107.766

■ 31, 85.315,
299.968

■ 27, 94.669,
302.565

■ 27, 96.250,

Harmonies

Complementary

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



62, 24.827, 285.122



74, 23.961, 98.065

Rectangle

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



62, 24.827, 285.122



62, 24.827, 335.122



62, 24.827, 105.122



62, 24.827, 155.122

Sweetspot

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



62, 24.826, 285.121



93, 8.490, 282.242



74, 19.875, 180.675



48, 6.045, 282.428



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, 24.826, 285.121



75, 37.562, 286.258



61, 31.104, 303.677



38, 4.902, 282.394



22, 83.404, 302.641



2, 16.959, 285.612

Inverse Universe

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



63, 22.242, 7.417



76, 33.766, 8.369



75, 29.422, 120.181



38, 4.307, 5.180



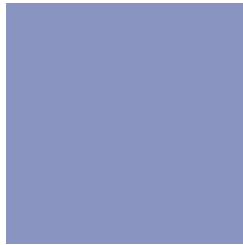
33, 66.054, 29.920



3, 14.249, 9.400

Previews

White Background



This preview shows how the CIELCh color 62, 24.827, 285.122 looks on a white background.

Color Contrast Check

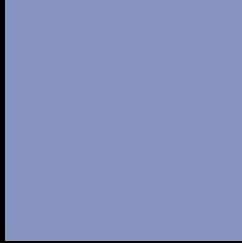
Large Text (above 18pt) WCAG AA × Fail

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, 24.827, 285.122 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, 24.827, 285.122

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.827, 285.122.



This preview shows how white text looks on a background with the CIELCh color 62, 24.827, 285.122.

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, 24.827, 285.122

Protanopia

62, 24.827, 285.122

Deuteranopia

62, 25.286, 289.091



Tritanopia
62, 9.952, 241.685

Trichromacy



Original Color
62, 24.827, 285.122

Protanomaly
62, 24.827, 285.122

Deuteranomaly
62, 25.303, 288.343

Tritanomaly
62, 14.547, 267.543

Monochromacy



Original Color
62, 24.827, 285.122

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 9.031, 284.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.827, 285.122 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(138, 148, 192)` looks like.

```
.text, #text, p{  
    color:rgb(138, 148, 192)  
}
```

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(138, 148, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 148, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.827, 285.122 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(138, 148, 192) }
```

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

```
.border{ border-color:rgb(138, 148, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 148, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 148, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 148, 192);  
box-shadow:4px 4px 4px 4px rgb(138, 148,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.827, 285.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 148, 192) }
```

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

```
.background{ background-color: rgb(138,  
148, 192) }
```

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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