

Converting Colors

CIELCh(62, 7.683, 267.375)

Have a look what the booklet for
CIELCh(62, 7.683, 267.375) contains.

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Color

CIELCh(62, 7.430, 264.508)

Conversions

Conversions Part 1

Format	Color
Hex	8E97A3
RGB	142, 151, 163
RGB Percent	56%, 59%, 64%
CMY	0.4442, 0.4089, 0.3619
CMYK	0.13, 0.07, 0.00, 0.36
HSL	214°, 10%, 60%
HSV	214°, 13%, 64%
XYZ	28.7137, 30.4025, 38.8706
YIQ	149.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

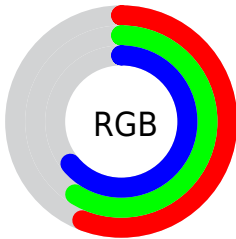
Format	Color
RYB	142, 148, 163
Decimal	9344931
CIELab	62.00, -0.71, -7.40
CIELCh	62, 7.430, 264.508
Yxy	30.4025, 0.2930, 0.3103
Android (android.graphics.Color)	4287535011 (0xFF8E97A3)
YUV	149.6770, 6.5682, -6.7327
Hunter-Lab	55.1385, -3.5373, -3.2003

Details

The CIELCh color $62, 7.430, 264.508$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.560, 81.084$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.517, 265.980$, and $42, 7.265, 265.773$ is the 20% darker color. If you saturate the color by 10%, you get $58, 13.196, 266.095$, and if you desaturate by 10%, it is $66, 1.673, 263.244$.

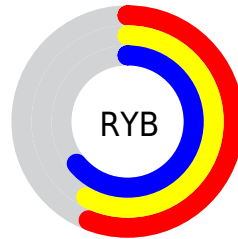
Distribution



Red (56%)

Green (59%)

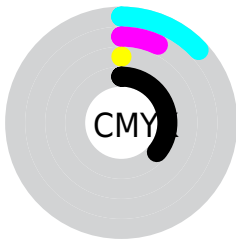
Blue (64%)



Red (56%)

Yellow (58%)

Blue (64%)

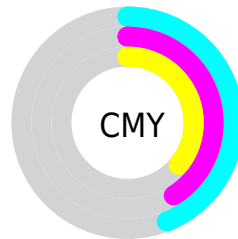


Cyan (13%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.430, 264.508 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, 7.430, 264.508 by changing the saturation by 10% instead.

■ 62, 7.430, 264.508

■ 62, 7.430, 264.508

■ 100, 7.430,
264.508

■ 52, 7.430, 264.508

■ 82, 7.430, 264.508

■ 42, 7.430, 264.508

■ 92, 7.430, 264.508

■ 32, 7.430, 264.508

■ 22, 7.430, 264.508

■ 12, 7.430, 264.508

■ 2, 7.430, 264.508

■ 0, 7.430, 264.508

■ 62, 7.430, 264.508

■ 62, 7.430, 264.508

■ 58, 13.196,

■ 66, 1.673, 263.244

266.095

70, 4.061, 81.835

54, 18.963,
267.981

73, 9.762, 80.851

51, 24.728,
270.201

77, 15.421, 79.970

81, 21.030, 79.194

47, 30.496,
272.802

85, 26.582, 78.508

44, 36.285,
275.817

88, 31.938, 78.284

91, 34.359, 87.122

40, 42.135,
279.252

93, 37.483, 94.564

37, 48.094,
283.056

34, 54.206,
287.104

32, 58.661,
289.881

Harmonies

Complementary

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



62, 7.430, 264.508



64, 7.560, 81.084

Rectangle

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



62, 7.430, 264.508



62, 7.430, 314.508



62, 7.430, 84.508



62, 7.430, 134.508

Sweetspot

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



62, 7.429, 264.498



83, 2.855, 263.349



65, 9.459, 166.320



44, 2.044, 263.427



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 7.429, 264.498



78, 10.701, 264.853



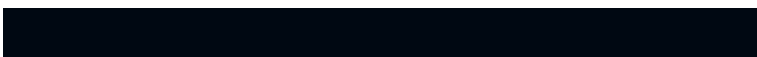
60, 11.907, 293.991



33, 3.265, 263.987



28, 53.466, 289.458



2, 5.278, 266.477

Inverse Universe

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



61, 9.640, 348.790



76, 13.927, 349.026



66, 11.569, 111.711



32, 4.216, 348.435



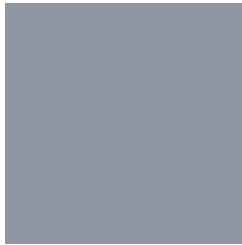
30, 55.549, 7.837



1, 6.311, 350.134

Previews

White Background



This preview shows how the CIELCh color 62, 7.430, 264.508 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, 7.430, 264.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

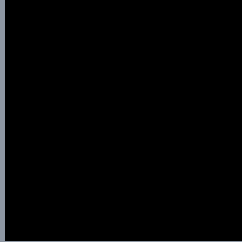
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

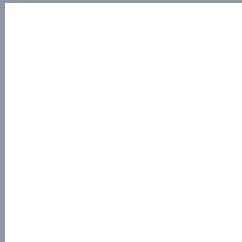
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 7.430, 264.508

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.430, 264.508.



This preview shows how white text looks on a background with the CIELCh color 62, 7.430, 264.508.

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, 7.430, 264.508

Protanopia

62, 6.739, 290.924

Deuteranopia

62, 11.121, 315.105



Tritanopia
62, 7.430, 264.508

Trichromacy



Original Color
62, 7.430, 264.508

Protanomaly
62, 6.867, 278.458

Deuteranomaly
62, 9.134, 300.530

Tritanomaly
62, 7.430, 264.508

Monochromacy



Original Color
62, 7.430, 264.508

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.690, 256.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.430, 264.508 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(142, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(142, 151, 163)  
}
```

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(142, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 151, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.430, 264.508 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(142, 151, 163) }
```

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

```
.border{ border-color:rgb(142, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(142, 151,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.430, 264.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 151, 163) }
```

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

```
.background{ background-color: rgb(142,  
151, 163) }
```

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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