

Converting Colors

CIELCh(62, 8.115, 275.286)

Have a look what the booklet for
CIELCh(62, 8.115, 275.286) contains.

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Color

CIELCh(62, 8.115, 275.286)

Conversions

Conversions Part 1

Format	Color
Hex	9096A4
RGB	144, 150, 164
RGB Percent	56%, 59%, 64%
CMY	0.4355, 0.4119, 0.3570
CMYK	0.12, 0.09, 0.00, 0.36
HSL	222°, 10%, 60%
HSV	222°, 12%, 64%
XYZ	29.0899, 30.4025, 39.4360
YIQ	149.8020, -8.0700, 3.0820

Conversions

Conversions Part 2

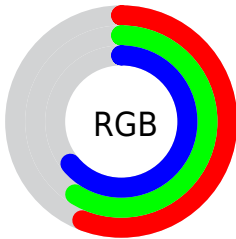
Format	Color
RYB	144, 149, 164
Decimal	9475748
CIELab	62.00, 0.75, -8.08
CIELCh	62, 8.115, 275.286
Yxy	30.4025, 0.2940, 0.3073
Android (android.graphics.Color)	4287665828 (0xFF9096A4)
YUV	149.8020, 6.9996, -5.0884
Hunter-Lab	55.1385, -2.3196, -3.8083

Details

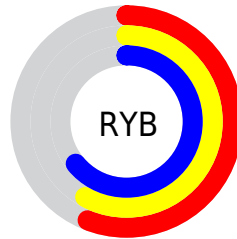
The CIELCh color $62, 8.115, 275.286$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.090, 92.202$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 8.186, 275.995$, and $42, 8.051, 277.345$ is the 20% darker color. If you saturate the color by 10%, you get $58, 14.904, 276.785$, and if you desaturate by 10%, it is $66, 1.454, 274.080$.

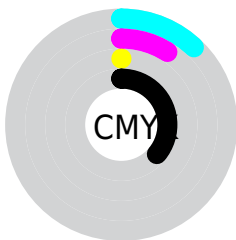
Distribution



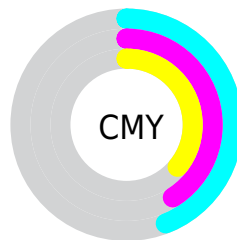
- Red (56%)
- Green (59%)
- Blue (64%)



- Red (56%)
- Yellow (58%)
- Blue (64%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 8.115, 275.286 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, 8.115, 275.286 by changing the saturation by 10% instead.

■ 62, 8.115, 275.286

■ 62, 8.115, 275.286

■ 100, 8.115,
275.286

■ 52, 8.115, 275.286

■ 82, 8.115, 275.286

■ 42, 8.115, 275.286

■ 92, 8.115, 275.286

■ 32, 8.115, 275.286

■ 22, 8.115, 275.286

■ 12, 8.115, 275.286

■ 2, 8.115, 275.286

■ 0, 8.115, 275.286

■ 62, 8.115, 275.286

■ 62, 8.115, 275.286

■ 58, 14.904,

■ 66, 1.454, 274.080

276.785

71, 5.078, 92.785

53, 21.833,
278.549

75, 11.486, 91.825

49, 28.914,
280.607

79, 17.771, 90.974

45, 36.167,
282.994

84, 23.934, 90.221

40, 43.618,
285.730

92, 35.426, 91.250

36, 51.290,
288.797

95, 39.732, 99.469

98, 44.661,
105.857

32, 59.166,
292.120

29, 67.137,
295.543

26, 73.277,
298.037

Harmonies

Complementary

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



62, 8.115, 275.286



65, 8.090, 92.202

Rectangle

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



62, 8.115, 275.286



62, 8.115, 325.286



62, 8.115, 95.286



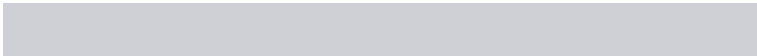
62, 8.115, 145.286

Sweetspot

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



62, 8.114, 275.278



84, 3.288, 274.250



66, 8.327, 173.752



44, 2.333, 274.330



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, 8.114, 275.278



78, 12.438, 275.717



61, 11.393, 298.248



32, 3.739, 274.882



23, 66.384, 297.682



1, 5.955, 275.736

Inverse Universe

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



62, 8.531, 357.063



77, 13.118, 357.397



67, 11.102, 116.515



32, 3.918, 356.752



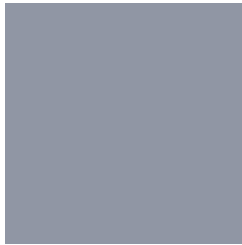
30, 57.330, 19.905



1, 5.902, 357.936

Previews

White Background



This preview shows how the CIELCh color 62, 8.115, 275.286 looks on a white background.

Color Contrast Check

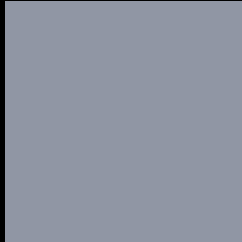
Large Text (above 18pt) WCAG AA × Fail

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, 8.115, 275.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

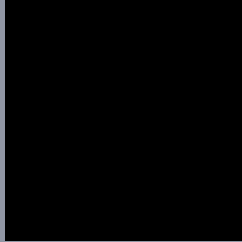
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 8.115, 275.286

Background



This preview shows how black text looks on a background with the CIELCh color 62, 8.115, 275.286.

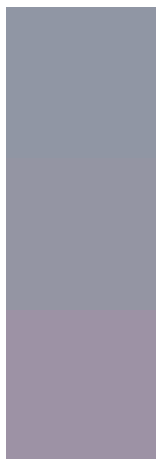


This preview shows how white text looks on a background with the CIELCh color 62, 8.115, 275.286.

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, 8.115, 275.286

Protanopia

62, 7.864, 288.345

Deuteranopia

62, 11.493, 312.248



Tritanopia
62, 7.047, 272.593

Trichromacy



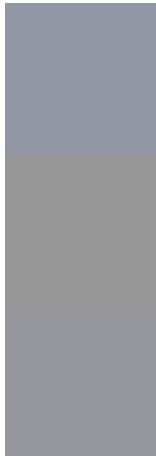
Original Color
62, 8.115, 275.286

Protanomaly
62, 7.884, 285.661

Deuteranomaly
62, 10.319, 301.629

Tritanomaly
62, 7.579, 274.030

Monochromacy



Original Color
62, 8.115, 275.286

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.898, 275.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 8.115, 275.286 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(144, 150, 164)` looks like.

```
.text, #text, p{  
    color:rgb(144, 150, 164)  
}
```

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(144, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 150, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 8.115, 275.286 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(144, 150, 164) }
```

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

```
.border{ border-color:rgb(144, 150, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 150, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 150, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 150, 164);  
box-shadow:4px 4px 4px 4px rgb(144, 150,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 8.115, 275.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 150, 164) }
```

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

```
.background{ background-color: rgb(144,  
150, 164) }
```

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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