

Converting Colors

CIELCh(62, 14.102, 270.128)

Have a look what the booklet for
CIELCh(62, 14.102, 270.128)
contains.

CIELCh(62, 14.306, 270.062)	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, 14.306, 270.062)

Conversions

Conversions Part 1

Format	Color
Hex	8897AF
RGB	136, 151, 175
RGB Percent	53%, 59%, 69%
CMY	0.4672, 0.4084, 0.3143
CMYK	0.22, 0.14, 0.00, 0.31
HSL	217°, 20%, 61%
HSV	217°, 22%, 69%
XYZ	28.9007, 30.4025, 44.8312
YIQ	149.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

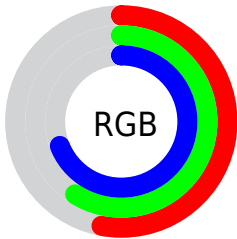
Format	Color
RYB	136, 147, 175
Decimal	8951727
CIELab	62.00, 0.02, -14.31
CIELCh	62, 14.306, 270.062
Yxy	30.4025, 0.2775, 0.2920
Android (android.graphics.Color)	4287141807 (0xFF8897AF)
YUV	149.2510, 12.6943, -11.6211
Hunter-Lab	55.1385, -2.9321, -9.6097

Details

The CIELCh color $62, 14.306, 270.062$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 14.586, 83.946$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 14.555, 270.981$, and $42, 14.733, 270.569$ is the 20% darker color. If you saturate the color by 10%, you get $58, 20.804, 271.918$, and if you desaturate by 10%, it is $66, 7.859, 268.479$.

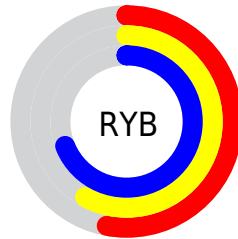
Distribution



Red (53%)

Green (59%)

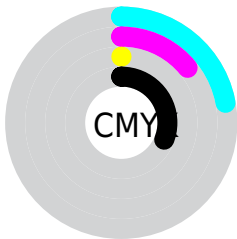
Blue (69%)



Red (53%)

Yellow (58%)

Blue (69%)

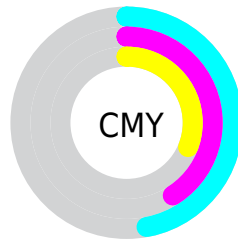


Cyan (22%)

Magenta (14%)

Yellow (0%)

Black (31%)



Cyan (47%)


Magenta (41%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.306, 270.062 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, 14.306, 270.062 by changing the saturation by 10% instead.


 62, 14.306,
270.062


 62, 14.306,
270.062


 100, 14.306,
270.062


 52, 14.306,
270.062


 82, 14.306,
270.062

 42, 14.306,
270.062

 92, 14.306,
270.062

 32, 14.306,
270.062

 22, 14.306,
270.062

 12, 14.306,
270.062

 2, 14.306, 270.062

 0, 14.306, 270.062

■ 62, 14.306,
270.062

■ 62, 14.306,
270.062

■ 58, 20.804,
271.918

■ 66, 7.859, 268.479

■ 54, 27.358,
274.099

■ 70, 1.469, 267.253

■ 50, 33.978,
276.645

■ 75, 4.859, 85.853

■ 46, 40.692,
279.584

■ 79, 11.118, 84.862

■ 42, 47.536,
282.915

■ 83, 17.302, 83.980

■ 38, 54.551,
286.576

■ 87, 23.407, 83.201

■ 35, 61.741,
290.434

■ 91, 28.864, 84.830

■ 32, 67.372,

■ 94, 32.470, 95.038

■ 97, 36.874,
102.887

293.300

Harmonies

Complementary

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



62, 14.306, 270.062



66, 14.586, 83.946

Rectangle

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



62, 14.306, 270.062



62, 14.306, 320.062



62, 14.306, 90.062



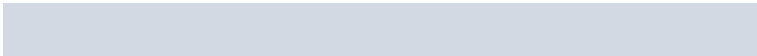
62, 14.306, 140.062

Sweetspot

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



62, 14.305, 270.058



87, 5.519, 267.769



68, 16.846, 167.361



46, 3.616, 267.844



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 14.305, 270.058



76, 21.455, 270.982



58, 22.271, 296.202



34, 3.588, 268.057



27, 59.541, 292.804



2, 8.132, 272.660

Inverse Universe

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



61, 17.445, 352.531



74, 26.262, 353.141



70, 21.175, 112.314



34, 4.316, 351.150



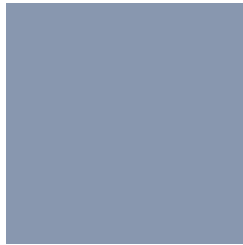
31, 57.271, 12.210



2, 8.619, 355.009

Previews

White Background



This preview shows how the CIELCh color 62, 14.306, 270.062 looks on a white background.

Color Contrast Check

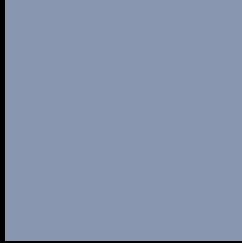
Large Text (above 18pt) WCAG AA × Fail

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, 14.306, 270.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

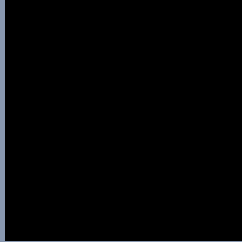
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

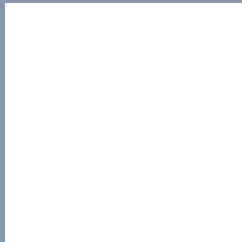
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 14.306, 270.062

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.306, 270.062.



This preview shows how white text looks on a background with the CIELCh color 62, 14.306, 270.062.

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, 14.306, 270.062

Protanopia

62, 14.066, 287.335

Deuteranopia

62, 17.003, 298.057



Tritanopia
62, 9.457, 244.547

Trichromacy



Original Color
62, 14.306, 270.062

Protanomaly
62, 14.196, 281.620

Deuteranomaly
62, 15.742, 288.015

Tritanomaly
62, 11.146, 258.268

Monochromacy



Original Color
62, 14.306, 270.062

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.981, 263.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.306, 270.062 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(136, 151, 175)` looks like.

```
.text, #text, p{  
    color:rgb(136, 151, 175)  
}
```

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(136, 151, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 151, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.306, 270.062 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(136, 151, 175) }
```

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

```
.border{ border-color:rgb(136, 151, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 151, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 151, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 151, 175);  
box-shadow:4px 4px 4px 4px rgb(136, 151,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.306, 270.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 151, 175) }
```

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

```
.background{ background-color: rgb(136,  
151, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor