

Converting Colors

CIELCh(62, 14.889, 248.599)

Have a look what the booklet for
CIELCh(62, 14.889, 248.599)
contains.

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Color

CIELCh(62, 14.947, 247.755)

Conversions

Conversions Part 1

Format	Color
Hex	7C9AAE
RGB	124, 154, 174
RGB Percent	49%, 60%, 68%
CMY	0.5141, 0.3965, 0.3181
CMYK	0.29, 0.11, 0.00, 0.32
HSL	204°, 24%, 58%
HSV	204°, 29%, 68%
XYZ	27.4621, 30.4025, 44.4064
YIQ	147.3100, -24.3000, -0.1400

Conversions

Conversions Part 2

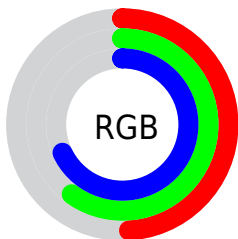
Format	Color
RYB	124, 143, 174
Decimal	8166062
CIELab	62.00, -5.66, -13.83
CIELCh	62, 14.947, 247.755
Yxy	30.4025, 0.2685, 0.2973
Android (android.graphics.Color)	4286356142 (0xFF7C9AAE)
YUV	147.3100, 13.1582, -20.4429
Hunter-Lab	55.1385, -7.5892, -9.1529

Details

The CIELCh color $62, 14.947, 247.755$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $62, 16.978, 61.028$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 14.734, 248.255$, and $42, 15.189, 248.080$ is the 20% darker color. If you saturate the color by 10%, you get $59, 19.757, 249.668$, and if you desaturate by 10%, it is $65, 9.911, 246.183$.

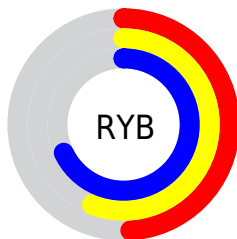
Distribution



Red (49%)

Green (60%)

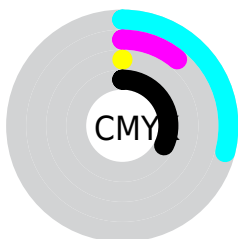
Blue (68%)



Red (49%)

Yellow (56%)

Blue (68%)

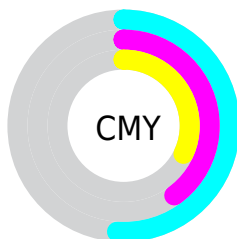


Cyan (29%)

Magenta (11%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 14.947, 247.755 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, 14.947, 247.755 by changing the saturation by 10% instead.

■ 62, 14.947,
247.755

■ 62, 14.947,
247.755

■ 100, 14.947,
247.755

■ 52, 14.947,
247.755

■ 82, 14.947,
247.755

■ 42, 14.947,
247.755

■ 92, 14.947,
247.755

■ 32, 14.947,
247.755

■ 22, 14.947,
247.755

■ 12, 14.947,
247.755

■ 2, 14.947, 247.755

■ 0, 14.947, 247.755

62, 14.947,
247.755

62, 14.947,
247.755

59, 19.757,
249.668

65, 9.911, 246.183

68, 4.692, 244.926

56, 24.309,
252.003

71, 0.671, 63.167

53, 28.581,
254.829

75, 6.143, 62.801

50, 32.577,
258.209

78, 11.691, 62.080

81, 17.289, 61.457

48, 36.340,
262.174

85, 22.915, 60.924

45, 39.958,
266.689

87, 26.139, 64.983

89, 27.042, 73.992

43, 43.586,
271.522

43, 44.057,

Harmonies

Complementary

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



62, 14.947, 247.755



62, 16.978, 61.028

Rectangle

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



62, 14.947, 247.755



62, 14.947, 297.755



62, 14.947, 67.755



62, 14.947, 117.755

Sweetspot

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



62, 14.946, 247.751



87, 5.989, 244.970



67, 25.430, 155.458



46, 4.187, 245.132



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, 14.946, 247.751



77, 22.302, 249.027



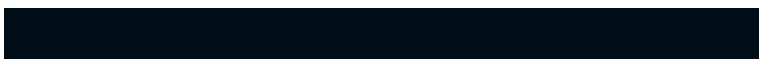
55, 25.385, 288.706



35, 3.026, 244.986



37, 39.240, 271.456



3, 6.822, 254.973

Inverse Universe

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



58, 25.616, 340.941



70, 38.692, 341.596



68, 24.144, 101.924



34, 4.975, 339.282



32, 59.124, 352.349



2, 9.736, 343.423

Previews

White Background



This preview shows how the CIELCh color 62, 14.947, 247.755 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, 14.947, 247.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

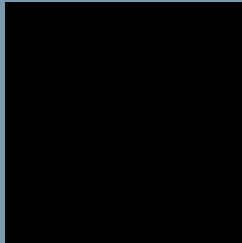
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

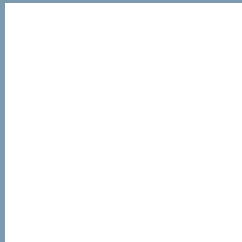
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 14.947, 247.755

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.947, 247.755.



This preview shows how white text looks on a background with the CIELCh color 62, 14.947, 247.755.

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, 14.947, 247.755

Protanopia
62, 12.370, 288.180

Deuteranopia
62, 17.003, 298.057



Tritanopia
62, 13.149, 229.531

Trichromacy



Original Color
62, 14.947, 247.755

Protanomaly
62, 12.431, 271.359

Deuteranomaly
62, 14.801, 280.752

Tritanomaly
62, 13.689, 236.785

Monochromacy



Original Color
62, 14.947, 247.755

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.610, 243.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.947, 247.755 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(124, 154, 174)` looks like.

```
.text, #text, p{  
    color:rgb(124, 154, 174)  
}
```

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(124, 154, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 154, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.947, 247.755 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(124, 154, 174) }
```

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

```
.border{ border-color:rgb(124, 154, 174) }
```

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

Here you see how a box with a 4 pixel rgb(124, 154, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 154, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 154, 174);  
box-shadow:4px 4px 4px 4px rgb(124, 154,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.947, 247.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 154, 174) }
```

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

```
.background{ background-color: rgb(124,  
154, 174) }
```

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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