

Converting Colors

CIELCh(62, 13.234, 197.989)

Have a look what the booklet for
CIELCh(62, 13.234, 197.989)
contains.

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Color

CIELCh(62, 13.275, 198.246)

Conversions

Conversions Part 1

Format	Color
Hex	789D9D
RGB	120, 157, 157
RGB Percent	47%, 62%, 62%
CMY	0.5306, 0.3855, 0.3855
CMYK	0.24, 0.00, 0.00, 0.39
HSL	180°, 16%, 54%
HSV	180°, 24%, 61%
XYZ	25.7663, 30.4025, 36.2683
YIQ	145.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

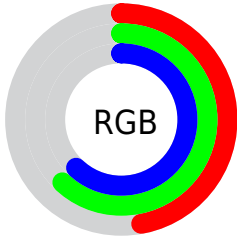
Format	Color
R _{YB}	120, 139, 157
Decimal	7904669
CIE _{Lab}	62.00, -12.61, -4.16
CIE _{LCh}	62, 13.275, 198.246
Y _{xy}	30.4025, 0.2787, 0.3289
Android (android.graphics.Color)	4286094749 (0xFF789D9D)
YUV	145.9370, 5.4541, -22.7467
Hunter-Lab	55.1385, -13.0792, -0.4021

Details

The CIELCh color **62, 13.275, 198.246** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **54, 15.480, 21.135**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 13.437, 198.478**, and **42, 13.410, 197.840** is the 20% darker color. If you saturate the color by 10%, you get **61, 18.214, 197.798**, and if you desaturate by 10%, it is **63, 7.888, 198.745**.

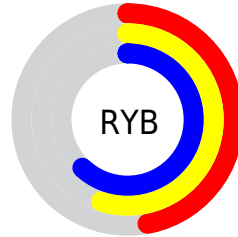
Distribution



Red (47%)

Green (62%)

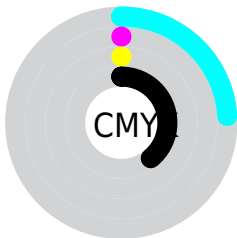
Blue (62%)



Red (47%)

Yellow (55%)

Blue (62%)

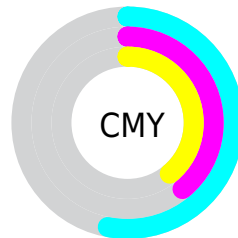


Cyan (24%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (53%)


Magenta (39%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 13.275, 198.246 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, 13.275, 198.246 by changing the saturation by 10% instead.


 62, 13.275,
198.246


 62, 13.275,
198.246


 100, 13.275,
198.246


 52, 13.275,
198.246


 82, 13.275,
198.246

 42, 13.275,
198.246

 92, 13.275,
198.246

 32, 13.275,
198.246

 22, 13.275,
198.246

 12, 13.275,
198.246

 2, 13.275, 198.246

 0, 13.275, 198.246

62, 13.275,
198.246

62, 13.275,
198.246

61, 18.214,
197.798

63, 7.888, 198.745

60, 22.612,
197.413

64, 2.143, 199.422

65, 3.873, 19.640

60, 26.386,
197.089

67, 10.083, 20.291

59, 29.471,
196.828

68, 16.422, 20.904

70, 22.836, 21.519

59, 31.829,
196.630

72, 29.282, 22.137

59, 33.463,
196.494

73, 35.726, 22.754

75, 39.807, 23.143

59, 34.417,
196.415

58, 34.831,

Harmonies

Complementary

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



62, 13.275, 198.246



54, 15.480, 21.135

Rectangle

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



62, 13.275, 198.246



62, 13.275, 248.246



62, 13.275, 18.246



62, 13.275, 68.246

Sweetspot

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



62, 13.276, 198.241



81, 5.113, 199.129



61, 25.261, 142.516



43, 3.311, 199.094



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 13.276, 198.241



78, 19.184, 198.015



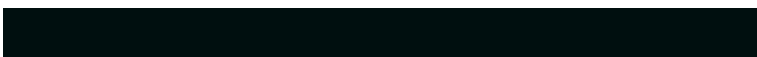
57, 12.089, 256.965



33, 3.339, 198.994



54, 32.545, 196.381



3, 4.473, 199.418

Inverse Universe

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



54, 15.480, 21.135



66, 23.184, 21.660



59, 12.946, 70.781



31, 3.535, 19.897



29, 67.091, 39.160



1, 4.473, 19.402

Previews

White Background



This preview shows how the CIELCh color 62, 13.275, 198.246 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, 13.275, 198.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

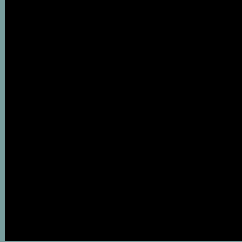
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 13.275, 198.246

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.275, 198.246.

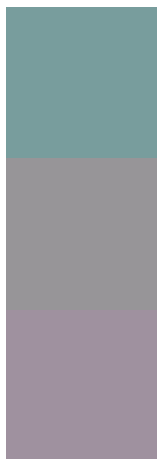


This preview shows how white text looks on a background with the CIELCh color 62, 13.275, 198.246.

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, 13.275, 198.246

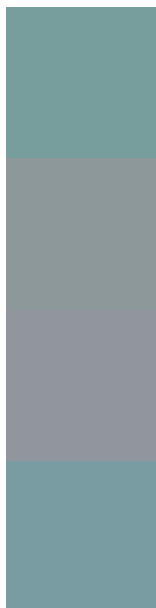
Protanopia
62, 1.865, 314.674

Deuteranopia
62, 9.548, 324.891



Tritanopia
62, 13.149, 229.531

Trichromacy



Original Color
62, 13.275, 198.246

Protanomaly
62, 4.621, 213.184

Deuteranomaly
62, 5.248, 274.181

Tritanomaly
62, 12.842, 216.312

Monochromacy



Original Color
62, 13.275, 198.246

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.279, 198.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.275, 198.246 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(120, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(120, 157, 157)  
}
```

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(120, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 157, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.275, 198.246 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(120, 157, 157) }
```

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

```
.border{ border-color:rgb(120, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(120, 157,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.275, 198.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 157, 157) }
```

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

```
.background{ background-color: rgb(120,  
157, 157) }
```

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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