

Converting Colors

CIELCh(62, 12.268, 260.316)

Have a look what the booklet for
CIELCh(62, 12.268, 260.316)
contains.

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Color

CIELCh(62, 12.245, 259.997)

Conversions

Conversions Part 1

Format	Color
Hex	8698AB
RGB	134, 152, 171
RGB Percent	53%, 60%, 67%
CMY	0.4750, 0.4045, 0.3300
CMYK	0.22, 0.11, 0.00, 0.33
HSL	211°, 18%, 60%
HSV	211°, 22%, 67%
XYZ	28.3517, 30.4025, 42.8305
YIQ	148.7840, -16.8270, 2.0930

Conversions

Conversions Part 2

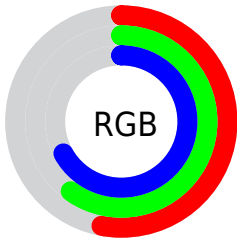
Format	Color
RYB	134, 146, 171
Decimal	8820907
CIELab	62.00, -2.13, -12.06
CIELCh	62, 12.245, 259.997
Yxy	30.4025, 0.2791, 0.2993
Android (android.graphics.Color)	4287010987 (0xFF8698AB)
YUV	148.7840, 10.9525, -12.9656
Hunter-Lab	55.1385, -4.7092, -7.4583

Details

The CIELCh color `62, 12.245, 259.997` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 12.896, 74.180`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 12.104, 260.622`, and `42, 12.341, 261.311` is the 20% darker color. If you saturate the color by 10%, you get `58, 17.807, 261.845`, and if you desaturate by 10%, it is `66, 6.618, 258.441`.

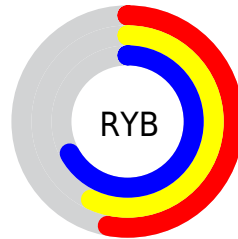
Distribution



Red (53%)

Green (60%)

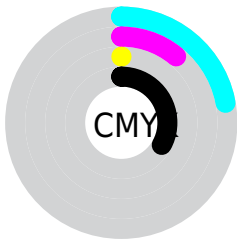
Blue (67%)



Red (53%)

Yellow (57%)

Blue (67%)

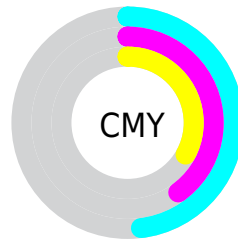


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (33%)



Cyan (48%)


Magenta (40%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.245, 259.997 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, 12.245, 259.997 by changing the saturation by 10% instead.


 62, 12.245,
259.997


 62, 12.245,
259.997


 100, 12.245,
259.997


 52, 12.245,
259.997


 82, 12.245,
259.997

 42, 12.245,
259.997

 92, 12.245,
259.997

 32, 12.245,
259.997

 22, 12.245,
259.997

 12, 12.245,
259.997

 2, 12.245, 259.997

 0, 12.245, 259.997

■ 62, 12.245,
259.997

■ 62, 12.245,
259.997

■ 58, 17.807,
261.845

■ 66, 6.618, 258.441

■ 69, 0.947, 257.395

■ 55, 23.291,
264.047

■ 73, 4.749, 75.855

■ 51, 28.689,
266.651

■ 77, 10.451, 74.914

■ 48, 34.011,
269.706

■ 80, 16.144, 74.079

■ 84, 21.815, 73.348

■ 45, 39.292,
273.233

■ 88, 27.454, 72.704

■ 42, 44.591,
277.202

■ 90, 29.634, 81.790

■ 92, 32.244, 90.423

■ 39, 49.985,
281.509

■ 36, 54.634,

Harmonies

Complementary

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



62, 12.245, 259.997



64, 12.896, 74.180

Rectangle

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



62, 12.245, 259.997



62, 12.245, 309.997



62, 12.245, 79.997



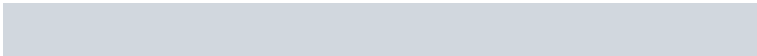
62, 12.245, 129.997

Sweetspot

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



62, 12.244, 259.992



86, 4.225, 257.718



67, 17.302, 161.776



45, 2.824, 257.793



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 12.244, 259.992



77, 18.140, 260.843



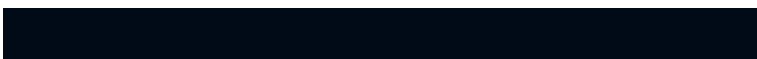
57, 21.135, 292.613



35, 3.257, 258.122



32, 49.241, 284.588



3, 7.465, 265.594

Inverse Universe

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



60, 17.620, 346.284



74, 26.257, 346.781



69, 20.113, 108.116



34, 4.602, 345.108



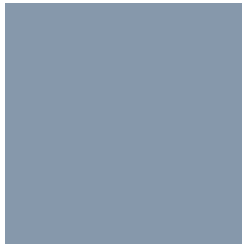
32, 57.125, 2.505



2, 9.068, 349.526

Previews

White Background



This preview shows how the CIELCh color 62, 12.245, 259.997 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, 12.245, 259.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

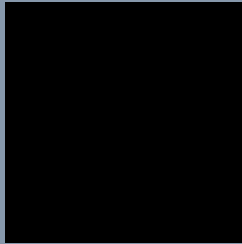
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

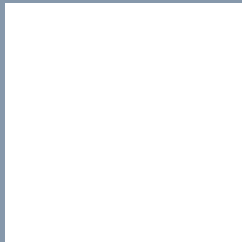
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 12.245, 259.997

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.245, 259.997.



This preview shows how white text looks on a background with the CIELCh color 62, 12.245, 259.997.

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

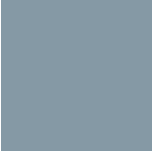
62, 12.245, 259.997

Protanopia

62, 11.800, 289.708

Deuteranopia

62, 14.887, 301.609



Tritanopia
62, 9.702, 243.077

Trichromacy



Original Color
62, 12.245, 259.997

Protanomaly
62, 12.002, 279.366

Deuteranomaly
62, 13.490, 288.597

Tritanomaly
62, 10.456, 247.891

Monochromacy



Original Color
62, 12.245, 259.997

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.680, 256.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.245, 259.997 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(134, 152, 171)` looks like.

```
.text, #text, p{  
    color:rgb(134, 152, 171)  
}
```

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(134, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 152, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.245, 259.997 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(134, 152, 171) }
```

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

```
.border{ border-color:rgb(134, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 152, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 152, 171);  
box-shadow:4px 4px 4px 4px rgb(134, 152,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.245, 259.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 152, 171) }
```

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

```
.background{ background-color: rgb(134,  
152, 171) }
```

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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