

Converting Colors

CIELCh(62, 14.788, 259.316)

Have a look what the booklet for
CIELCh(62, 14.788, 259.316)
contains.

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Color

CIELCh(62, 14.764, 260.462)

Conversions

Conversions Part 1

Format	Color
Hex	8298AF
RGB	130, 152, 175
RGB Percent	51%, 60%, 69%
CMY	0.4893, 0.4030, 0.3128
CMYK	0.26, 0.13, 0.00, 0.31
HSL	211°, 22%, 60%
HSV	211°, 26%, 69%
XYZ	28.2705, 30.4025, 45.0611
YIQ	148.0440, -20.4950, 2.4890

Conversions

Conversions Part 2

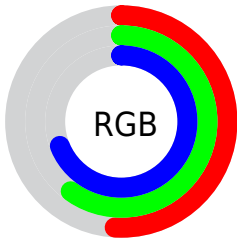
Format	Color
R_{YB}	130, 145, 175
Decimal	8558767
CIE _{Lab}	62.00, -2.45, -14.56
CIE _{LCh}	62, 14.764, 260.462
Yxy	30.4025, 0.2725, 0.2931
Android (android.graphics.Color)	4286748847 (0xFF8298AF)
YUV	148.0440, 13.2893, -15.8246
Hunter-Lab	55.1385, -4.9723, -9.8569

Details

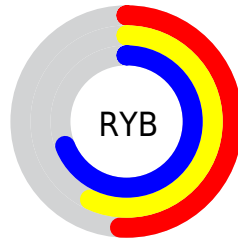
The CIELCh color $62, 14.764, 260.462$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 15.737, 73.432$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 14.973, 261.796$, and $42, 15.137, 261.010$ is the 20% darker color. If you saturate the color by 10%, you get $58, 20.393, 262.450$, and if you desaturate by 10%, it is $66, 9.058, 258.787$.

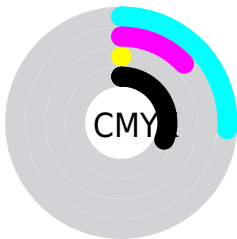
Distribution



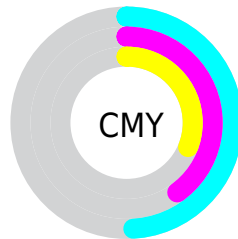
- Red (51%)
- Green (60%)
- Blue (69%)



- Red (51%)
- Yellow (57%)
- Blue (69%)



- Cyan (26%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (40%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.764, 260.462 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, 14.764, 260.462 by changing the saturation by 10% instead.


 62, 14.764,
260.462


 62, 14.764,
260.462

 100, 14.764,
260.462


 52, 14.764,
260.462


 82, 14.764,
260.462

 42, 14.764,
260.462

 92, 14.764,
260.462

 32, 14.764,
260.462

 22, 14.764,
260.462

 12, 14.764,
260.462

 2, 14.764, 260.462

 0, 14.764, 260.462

■ 62, 14.764,
260.462

■ 62, 14.764,
260.462

■ 58, 20.393,
262.450

■ 66, 9.058, 258.787

■ 55, 25.934,
264.815

■ 69, 3.297, 257.424

■ 73, 2.499, 75.982

■ 51, 31.385,
267.607

■ 77, 8.311, 75.035

■ 48, 36.766,
270.866

■ 81, 14.121, 74.157

■ 84, 19.916, 73.387

■ 45, 42.122,
274.596

■ 88, 25.681, 72.711

■ 41, 47.525,
278.740

■ 91, 28.056, 82.182

■ 93, 30.799, 91.379

■ 39, 53.057,
283.146

■ 37, 55.520,

284.959

Harmonies

Complementary

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



62, 14.764, 260.462



65, 15.737, 73.432

Rectangle

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



62, 14.764, 260.462



62, 14.764, 310.462



62, 14.764, 80.462



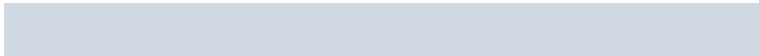
62, 14.764, 130.462

Sweetspot

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



62, 14.763, 260.458



87, 5.721, 257.723



68, 20.908, 161.364



46, 4.096, 257.917



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, 14.763, 260.458



76, 21.917, 261.581



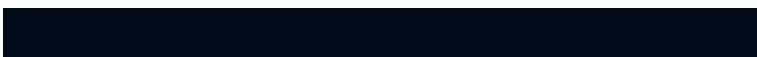
56, 25.808, 293.175



35, 3.251, 257.874



32, 49.017, 284.367



3, 7.451, 265.410

Inverse Universe

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



59, 21.431, 346.571



72, 32.007, 347.210



71, 24.305, 107.727



34, 4.609, 344.980



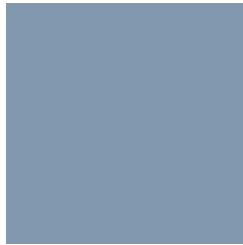
32, 57.144, 2.288



2, 9.079, 349.402

Previews

White Background



This preview shows how the CIELCh color 62, 14.764, 260.462 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, 14.764, 260.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

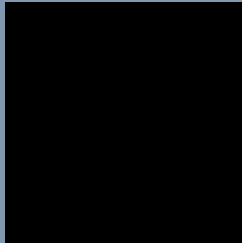
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

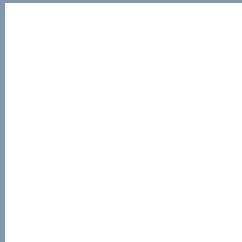
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 14.764, 260.462

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.764, 260.462.



This preview shows how white text looks on a background with the CIELCh color 62, 14.764, 260.462.

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, 14.764, 260.462

Protanopia

62, 14.066, 287.335

Deuteranopia

62, 17.561, 297.906



Tritanopia
62, 11.246, 235.717

Trichromacy



Original Color
62, 14.764, 260.462

Protanomaly
62, 13.834, 276.808

Deuteranomaly
62, 15.791, 285.467

Tritanomaly
62, 12.129, 246.912

Monochromacy



Original Color
62, 14.764, 260.462

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.339, 256.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.764, 260.462 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(130, 152, 175)` looks like.

```
.text, #text, p{  
    color:rgb(130, 152, 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(130, 152, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 152, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.764, 260.462 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(130, 152, 175) }
```

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

```
.border{ border-color:rgb(130, 152, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 152, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 152, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 152, 175);  
box-shadow:4px 4px 4px 4px rgb(130, 152,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.764, 260.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 152, 175) }
```

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

```
.background{ background-color: rgb(130,  
152, 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](#).

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