

Converting Colors

CIELCh(62, 11.590, 262.653)

Have a look what the booklet for
CIELCh(62, 11.590, 262.653)
contains.

CIELCh(62, 11.787, 264.397)	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, 11.787, 264.397)

Conversions

Conversions Part 1

Format	Color
Hex	8897AA
RGB	136, 151, 170
RGB Percent	53%, 59%, 67%
CMY	0.4655, 0.4067, 0.3321
CMYK	0.20, 0.11, 0.00, 0.33
HSL	214°, 17%, 60%
HSV	214°, 20%, 67%
XYZ	28.6010, 30.4025, 42.5434
YIQ	148.6810, -15.0390, 2.7290

Conversions

Conversions Part 2

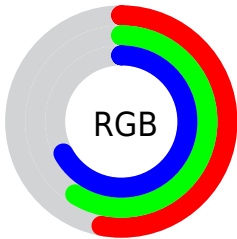
Format	Color
R_{YB}	136, 146, 170
Decimal	8951722
CIE _{Lab}	62.00, -1.15, -11.73
CIE _{LCh}	62, 11.787, 264.397
Yxy	30.4025, 0.2817, 0.2994
Android (android.graphics.Color)	4287141802 (0xFF8897AA)
YUV	148.6810, 10.5103, -11.1212
Hunter-Lab	55.1385, -3.9023, -7.1496

Details


The CIELCh color `62, 11.787, 264.397` is a light color, and the websafe version is hex `999999`. A complement of this color would be `65, 12.183, 78.972`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 11.664, 264.961`, and `42, 11.898, 265.852` is the 20% darker color. If you saturate the color by 10%, you get `58, 17.676, 266.201`, and if you desaturate by 10%, it is `66, 5.886, 262.870`.

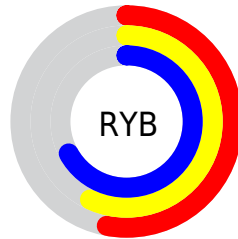
Distribution



 Red (53%)

 Green (59%)

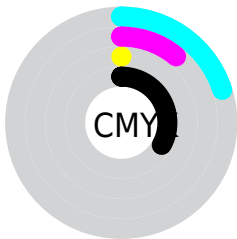
 Blue (67%)



 Red (53%)

 Yellow (57%)

 Blue (67%)

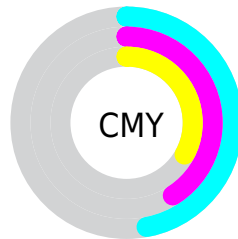


 Cyan (20%)

 Magenta (11%)

 Yellow (0%)

 Black (33%)



 Cyan (47%)


 Magenta (41%)


 Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.787, 264.397 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, 11.787, 264.397 by changing the saturation by 10% instead.


 62, 11.787,
264.397


 62, 11.787,
264.397


 100, 11.787,
264.397


 52, 11.787,
264.397


 82, 11.787,
264.397

 42, 11.787,
264.397

 92, 11.787,
264.397

 32, 11.787,
264.397

 22, 11.787,
264.397

 12, 11.787,
264.397

 2, 11.787, 264.397

 0, 11.787, 264.397

62, 11.787,
264.397

62, 11.787,
264.397

58, 17.676,
266.201

66, 5.886, 262.870

54, 23.547,
268.336

70, 0.012, 56.467

74, 5.892, 80.319

51, 29.400,
270.846

77, 11.745, 79.363

47, 35.249,
273.774

81, 17.560, 78.517

85, 23.326, 77.772

43, 41.127,
277.137

89, 28.925, 77.458

40, 47.087,
280.904

91, 31.421, 87.425

94, 34.718, 95.623

37, 53.185,
284.974

34, 59.469,

289.035

■ 34, 59.488,
289.047

Harmonies

Complementary

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



62, 11.787, 264.397



65, 12.183, 78.972

Rectangle

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



62, 11.787, 264.397



62, 11.787, 314.397



62, 11.787, 84.397



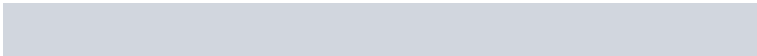
62, 11.787, 134.397

Sweetspot

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



62, 11.786, 264.392



86, 4.395, 262.367



67, 15.341, 164.671



45, 2.938, 262.444



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, 11.786, 264.392



77, 17.559, 265.162



58, 19.392, 294.165



34, 3.309, 262.776



29, 52.986, 288.525



2, 6.402, 267.241

Inverse Universe

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



60, 15.741, 348.760



75, 23.561, 349.237



69, 18.532, 110.399



33, 4.359, 347.698



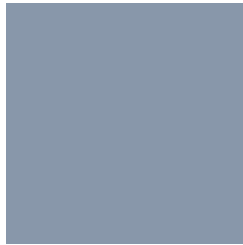
31, 56.244, 6.727



2, 7.550, 350.676

Previews

White Background



This preview shows how the CIELCh color 62, 11.787, 264.397 looks on a white background.

Color Contrast Check

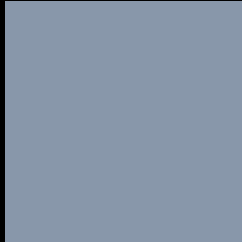
Large Text (above 18pt) WCAG AA × Fail

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, 11.787, 264.397 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

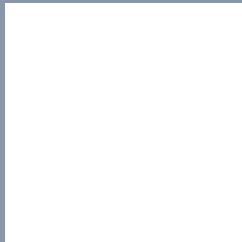
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 11.787, 264.397

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.787, 264.397.



This preview shows how white text looks on a background with the CIELCh color 62, 11.787, 264.397.

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

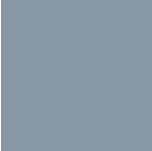
62, 11.787, 264.397

Protanopia

62, 11.239, 289.554

Deuteranopia

62, 14.407, 303.402



Tritanopia
62, 8.992, 247.752

Trichromacy



Original Color
62, 11.787, 264.397

Protanomaly
62, 11.391, 280.442

Deuteranomaly
62, 12.922, 291.591

Tritanomaly
62, 9.815, 252.493

Monochromacy



Original Color
62, 11.787, 264.397

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.491, 260.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.787, 264.397 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 151, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 151, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.787, 264.397 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, 170) }
```

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

```
.border{ border-color:rgb(136, 151, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 151,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.787, 264.397 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, 170) }
```

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

```
.background{ background-color: rgb(136,  
151, 170) }
```

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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