

Converting Colors

CIELCh(61, 14.971, 264.019)

Have a look what the booklet for
CIELCh(61, 14.971, 264.019)
contains.

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Color

CIELCh(61, 14.984, 264.011)

Conversions

Conversions Part 1

Format	Color
Hex	8195AD
RGB	129, 149, 173
RGB Percent	51%, 58%, 68%
CMY	0.4935, 0.4151, 0.3209
CMYK	0.25, 0.14, 0.00, 0.32
HSL	213°, 21%, 59%
HSV	213°, 25%, 68%
XYZ	27.4085, 29.2481, 43.8194
YIQ	145.7560, -19.6240, 3.2240

Conversions

Conversions Part 2

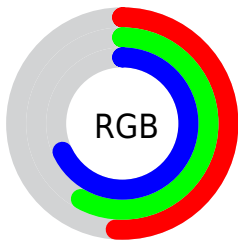
Format	Color
RYB	129, 143, 173
Decimal	8492461
CIELab	61.00, -1.56, -14.90
CIELCh	61, 14.984, 264.011
Yxy	29.2481, 0.2728, 0.2911
Android (android.graphics.Color)	4286682541 (0xFF8195AD)
YUV	145.7560, 13.4313, -14.6950
Hunter-Lab	54.0815, -4.1791, -10.1824

Details

The CIELCh color `61, 14.984, 264.011` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 15.734, 76.952`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 14.718, 264.095`, and `41, 15.276, 265.833` is the 20% darker color. If you saturate the color by 10%, you get `57, 20.832, 265.994`, and if you desaturate by 10%, it is `65, 9.102, 262.331`.

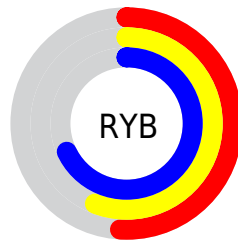
Distribution



Red (51%)

Green (58%)

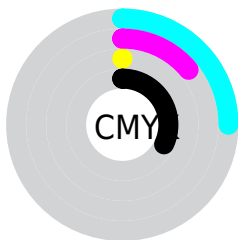
Blue (68%)



Red (51%)

Yellow (56%)

Blue (68%)

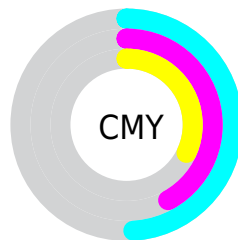


Cyan (25%)

Magenta (14%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (42%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 14.984, 264.011 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 61, 14.984, 264.011 by changing the saturation by 10% instead.

■ 61, 14.984,
264.011

■ 61, 14.984,
264.011

■ 100, 14.984,
264.011

■ 51, 14.984,
264.011

■ 81, 14.984,
264.011

■ 41, 14.984,
264.011

■ 91, 14.984,
264.011

■ 31, 14.984,
264.011

■ 21, 14.984,
264.011

■ 11, 14.984,
264.011

■ 1, 14.984, 264.011

■ 0, 14.984, 264.011

61, 14.984,
264.011

61, 14.984,
264.011

57, 20.832,
265.994

65, 9.102, 262.331

53, 26.643,
268.339

69, 3.203, 260.955

73, 2.700, 79.523

50, 32.419,
271.092

76, 8.592, 78.543

46, 38.185,
274.287

80, 14.459, 77.642

84, 20.289, 76.850

43, 43.985,
277.920

88, 26.074, 76.152

40, 49.883,
281.927

91, 29.259, 83.841

93, 32.283, 92.945

36, 55.937,
286.157

35, 58.791,

287.998

Harmonies

Complementary

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



61, 14.984, 264.011



64, 15.734, 76.952

Rectangle

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



61, 14.984, 264.011



61, 14.984, 314.011



61, 14.984, 84.011



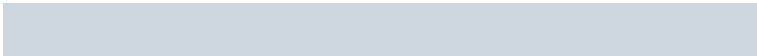
61, 14.984, 134.011

Sweetspot

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



61, 14.983, 264.007



85, 5.840, 261.293



67, 19.973, 163.183



45, 4.144, 261.489



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 14.983, 264.007



75, 21.815, 264.981



56, 25.286, 294.268



35, 3.350, 261.448



30, 52.392, 287.476



3, 7.668, 268.013

Inverse Universe

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



59, 20.571, 348.545



72, 30.080, 349.125



70, 23.831, 109.198



34, 4.507, 346.922



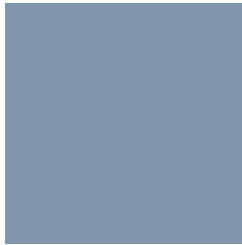
32, 56.964, 5.532



2, 8.914, 351.239

Previews

White Background



This preview shows how the CIELCh color 61, 14.984, 264.011 looks on a white background.

Color Contrast Check

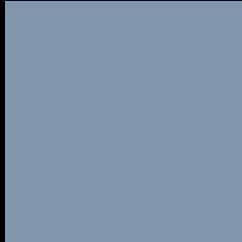
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 14.984, 264.011 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 × Fail

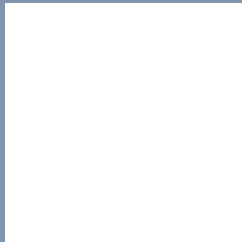
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 14.984, 264.011

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.984, 264.011.



This preview shows how white text looks on a background with the CIELCh color 61, 14.984, 264.011.

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

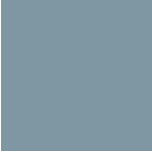
61, 14.984, 264.011

Protanopia

61, 14.125, 285.917

Deuteranopia

61, 17.008, 296.868



Tritanopia
61, 10.743, 237.959

Trichromacy



Original Color
61, 14.984, 264.011

Protanomaly
61, 14.424, 277.531

Deuteranomaly
61, 15.830, 285.495

Tritanomaly
61, 12.131, 251.343

Monochromacy



Original Color
61, 14.984, 264.011

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.657, 263.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.984, 264.011 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(129, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(129, 149, 173)  
}
```

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(129, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 149, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.984, 264.011 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(129, 149, 173) }
```

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

```
.border{ border-color:rgb(129, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(129, 149,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.984, 264.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 149, 173) }
```

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

```
.background{ background-color: rgb(129,  
149, 173) }
```

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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