

Converting Colors

CIELCh(61, 14.391, 214.239)

Have a look what the booklet for
CIELCh(61, 14.391, 214.239)
contains.

CIELCh(61, 14.391, 214.239)	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(61, 14.391, 214.239)

Conversions

Conversions Part 1

Format	Color
Hex	729AA1
RGB	114, 154, 161
RGB Percent	45%, 60%, 63%
CMY	0.5531, 0.3962, 0.3687
CMYK	0.29, 0.04, 0.00, 0.37
HSL	189°, 20%, 54%
HSV	189°, 29%, 63%
XYZ	24.9159, 29.2481, 38.0358
YIQ	142.8380, -26.0870, -6.3030

Conversions

Conversions Part 2

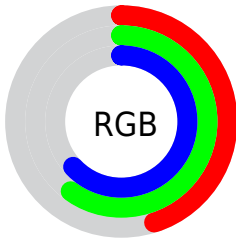
Format	Color
RYB	114, 136, 161
Decimal	7510689
CIELab	61.00, -11.90, -8.10
CIElCh	61, 14.391, 214.239
Yxy	29.2481, 0.2702, 0.3172
Android (android.graphics.Color)	4285700769 (0xFF729AA1)
YUV	142.8380, 8.9539, -25.2909
Hunter-Lab	54.0815, -12.4060, -3.8419

Details

The CIELCh color **61, 14.391, 214.239** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 17.610, 34.201**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 14.375, 215.793**, and **41, 14.383, 215.187** is the 20% darker color. If you saturate the color by 10%, you get **59, 18.547, 214.691**, and if you desaturate by 10%, it is **63, 9.790, 213.962**.

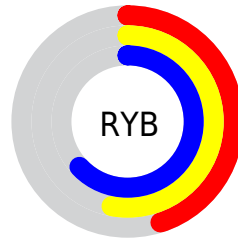
Distribution



Red (45%)

Green (60%)

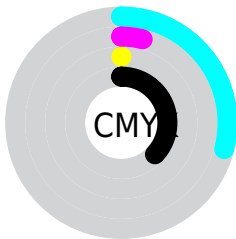
Blue (63%)



Red (45%)

Yellow (53%)

Blue (63%)

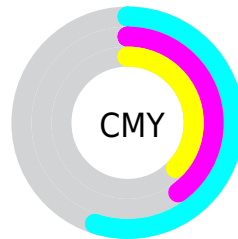


Cyan (29%)

Magenta (4%)

Yellow (0%)

Black (37%)



Cyan (55%)


Magenta (40%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.391, 214.239 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, 14.391, 214.239 by changing the saturation by 10% instead.


 61, 14.391,
214.239


 61, 14.391,
214.239


 100, 14.391,
214.239


 51, 14.391,
214.239


 81, 14.391,
214.239

 41, 14.391,
214.239

 91, 14.391,
214.239

 31, 14.391,
214.239

 21, 14.391,
214.239

 11, 14.391,
214.239

 1, 14.391, 214.239

 0, 14.391, 214.239

61, 14.391,
214.239

61, 14.391,
214.239

59, 18.547,
214.691

63, 9.790, 213.962

58, 22.177,
215.369

64, 4.824, 213.863

66, 0.430, 32.632

57, 25.205,
216.318

68, 5.905, 33.693

55, 27.579,
217.595

70, 11.544, 33.843

73, 17.300, 34.016

54, 29.275,
219.259

75, 23.134, 34.220

53, 30.317,
221.372

77, 29.014, 34.446

79, 33.364, 35.175

52, 30.872,
223.888

52, 30.914,

Harmonies

Complementary

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



61, 14.391, 214.239



55, 17.610, 34.201

Rectangle

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



61, 14.391, 214.239



61, 14.391, 264.239



61, 14.391, 34.239



61, 14.391, 84.239

Sweetspot

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



61, 14.391, 214.234



82, 5.842, 213.863



62, 29.257, 146.230



43, 4.037, 213.863



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 14.391, 214.234



76, 20.808, 214.506



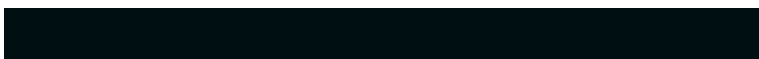
54, 17.936, 272.814



34, 3.000, 213.862



47, 28.694, 223.820



4, 4.661, 218.174

Inverse Universe

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



54, 29.001, 330.545



66, 42.876, 330.946



60, 18.276, 84.643



32, 5.655, 329.321



33, 67.812, 335.050



1, 8.508, 330.129

Previews

White Background



This preview shows how the CIELCh color 61, 14.391, 214.239 looks on a white background.

Color Contrast Check

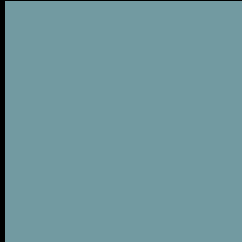
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.391, 214.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

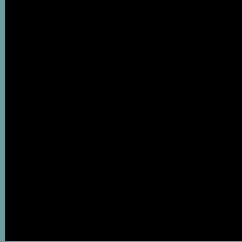
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

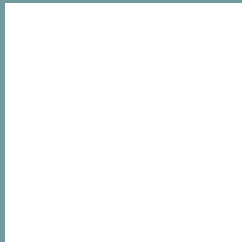
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 14.391, 214.239

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.391, 214.239.

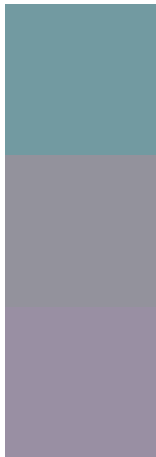


This preview shows how white text looks on a background with the CIELCh color 61, 14.391, 214.239.

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, 14.391, 214.239

Protanopia
61, 5.656, 294.636

Deuteranopia
61, 11.937, 309.605



Tritanopia
61, 14.764, 228.324

Trichromacy



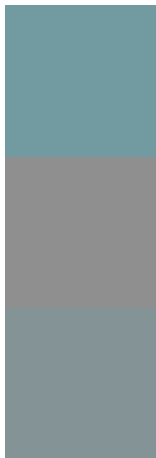
Original Color
61, 14.391, 214.239

Protanomaly
61, 7.134, 244.520

Deuteranomaly
61, 8.879, 271.869

Tritanomaly
61, 14.359, 224.091

Monochromacy



Original Color
61, 14.391, 214.239

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 5.829, 215.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.391, 214.239 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(114, 154, 161)` looks like.

```
.text, #text, p{  
    color:rgb(114, 154, 161)  
}
```

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(114, 154, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 154, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.391, 214.239 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(114, 154, 161) }
```

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

```
.border{ border-color:rgb(114, 154, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 154, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 154, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 154, 161);  
box-shadow:4px 4px 4px 4px rgb(114, 154,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.391, 214.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 154, 161) }
```

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

```
.background{ background-color: rgb(114,  
154, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor