

Converting Colors

CIELCh(61, 12.816, 225.257)

Have a look what the booklet for
CIELCh(61, 12.816, 225.257)
contains.

CIELCh(61, 13.024, 224.222)	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, 13.024, 224.222)

Conversions

Conversions Part 1

Format	Color
Hex	7799A3
RGB	119, 153, 163
RGB Percent	47%, 60%, 64%
CMY	0.5342, 0.4009, 0.3617
CMYK	0.27, 0.06, 0.00, 0.36
HSL	194°, 19%, 55%
HSV	194°, 27%, 64%
XYZ	25.5195, 29.2481, 38.8406
YIQ	143.9740, -23.4740, -4.0980

Conversions

Conversions Part 2

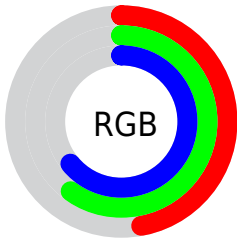
Format	Color
R_{YB}	119, 138, 163
Decimal	7838115
CIE _{Lab}	61.00, -9.33, -9.08
CIE _{LCh}	61, 13.024, 224.222
Yxy	29.2481, 0.2726, 0.3125
Android (android.graphics.Color)	4286028195 (0xFF7799A3)
YUV	143.9740, 9.3798, -21.9022
Hunter-Lab	54.0815, -10.4138, -4.7241

Details

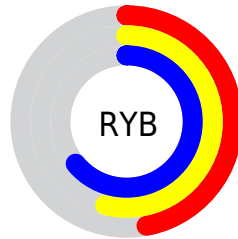
The CIELCh color `61, 13.024, 224.222` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `57, 15.532, 42.016`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 13.071, 225.364`, and `41, 12.933, 223.304` is the 20% darker color. If you saturate the color by 10%, you get `59, 17.215, 225.158`, and if you desaturate by 10%, it is `63, 8.455, 223.525`.

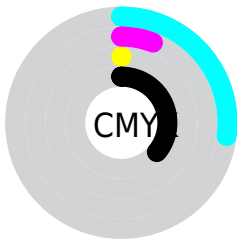
Distribution



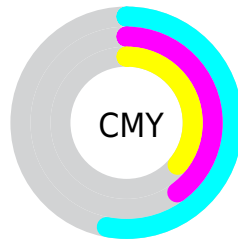
- Red (47%)
- Green (60%)
- Blue (64%)



- Red (47%)
- Yellow (54%)
- Blue (64%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)





- Cyan (53%)
- Magenta (40%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 13.024, 224.222 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, 13.024, 224.222 by changing the saturation by 10% instead.


 61, 13.024,
224.222


 61, 13.024,
224.222


 100, 13.024,
224.222


 51, 13.024,
224.222


 81, 13.024,
224.222

 41, 13.024,
224.222

 91, 13.024,
224.222

 31, 13.024,
224.222

 21, 13.024,
224.222

 11, 13.024,
224.222

 1, 13.024, 224.222

 0, 13.024, 224.222

61, 13.024,
224.222

61, 13.024,
224.222

59, 17.215,
225.158

63, 8.455, 223.525

57, 20.956,
226.405

65, 3.579, 223.078

68, 1.541, 42.280

55, 24.183,
228.029

70, 6.849, 42.254

54, 26.847,
230.110

72, 12.296, 42.117

75, 17.843, 42.032

52, 28.935,
232.734

77, 23.458, 41.995

51, 30.478,
235.977

80, 29.115, 41.996

81, 30.830, 44.550

49, 31.597,
239.829

49, 31.922,

240.990

Harmonies

Complementary

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



61, 13.024, 224.222



57, 15.532, 42.016

Rectangle

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



61, 13.024, 224.222



61, 13.024, 274.222



61, 13.024, 44.222



61, 13.024, 94.222

Sweetspot

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



61, 13.024, 224.217



83, 5.031, 223.111



63, 25.729, 149.139



44, 3.592, 223.163



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 13.024, 224.217



76, 18.732, 224.707



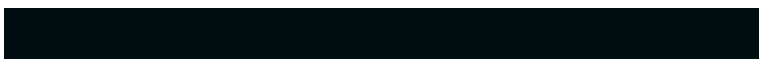
55, 18.496, 278.786



33, 2.871, 223.150



44, 29.331, 240.536



3, 4.495, 228.932

Inverse Universe

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



55, 25.671, 333.238



68, 37.586, 333.627



63, 18.325, 91.618



32, 5.350, 332.045



32, 64.011, 339.587



1, 7.972, 333.435

Previews

White Background



This preview shows how the CIELCh color 61, 13.024, 224.222 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, 13.024, 224.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

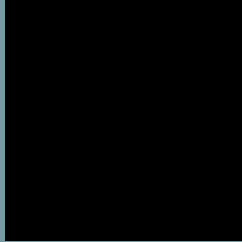
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 13.024, 224.222

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.024, 224.222.



This preview shows how white text looks on a background with the CIELCh color 61, 13.024, 224.222.

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, 13.024, 224.222

Protanopia

61, 6.764, 290.938

Deuteranopia

61, 13.008, 308.086



Tritanopia
61, 13.422, 231.807

Trichromacy



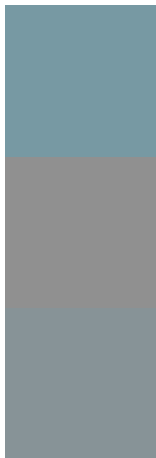
Original Color
61, 13.024, 224.222

Protanomaly
61, 7.970, 257.458

Deuteranomaly
61, 9.773, 278.292

Tritanomaly
61, 13.175, 229.579

Monochromacy



Original Color
61, 13.024, 224.222

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.994, 226.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.024, 224.222 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(119, 153, 163)` looks like.

```
.text, #text, p{  
    color:rgb(119, 153, 163)  
}
```

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(119, 153, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 153, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.024, 224.222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

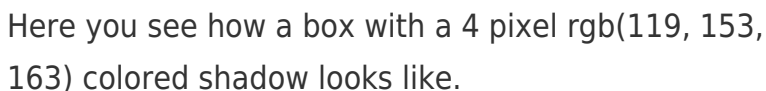
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 153, 163) }
```

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

```
.border{ border-color:rgb(119, 153, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 153, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 153, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 153, 163); box-shadow:4px 4px 4px 4px rgb(119, 153, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.024, 224.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 153, 163) }
```

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

```
.background{ background-color: rgb(119,  
153, 163) }
```

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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