

Converting Colors

CIELCh(60, 10.576, 224.024)

Have a look what the booklet for
CIELCh(60, 10.576, 224.024)
contains.

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Color

CIELCh(60, 10.584, 224.033)

Conversions

Conversions Part 1

Format	Color
Hex	7A959D
RGB	122, 149, 157
RGB Percent	48%, 58%, 62%
CMY	0.5210, 0.4151, 0.3838
CMYK	0.22, 0.05, 0.00, 0.38
HSL	194°, 15%, 55%
HSV	194°, 22%, 62%
XYZ	24.9106, 28.1233, 36.0740
YIQ	141.8390, -18.6600, -3.2360

Conversions

Conversions Part 2

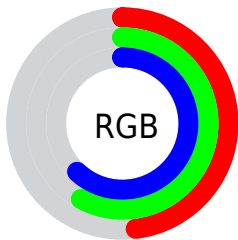
Format	Color
R_{YB}	122, 137, 157
Decimal	8033693
CIE _{Lab}	60.00, -7.61, -7.36
CIE _{LCh}	60, 10.584, 224.033
Yxy	28.1233, 0.2796, 0.3156
Android (android.graphics.Color)	4286223773 (0xFF7A959D)
YUV	141.8390, 7.4744, -17.3988
Hunter-Lab	53.0314, -8.9577, -3.2094

Details

The CIELCh color $60, 10.584, 224.033$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 12.190, 42.211$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 10.668, 225.631$, and $40, 10.716, 225.636$ is the 20% darker color. If you saturate the color by 10%, you get $58, 14.841, 224.847$, and if you desaturate by 10%, it is $62, 5.995, 223.439$.

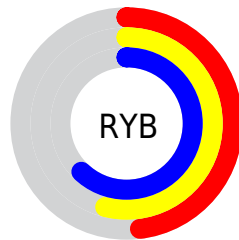
Distribution



Red (48%)

Green (58%)

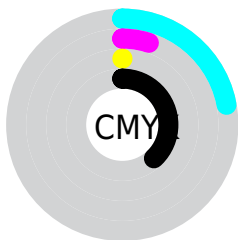
Blue (62%)



Red (48%)

Yellow (54%)

Blue (62%)

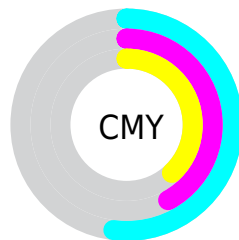


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (38%)



Cyan (52%)


Magenta (42%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 10.584, 224.033 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 60, 10.584, 224.033 by changing the saturation by 10% instead.


 60, 10.584,
224.033


 60, 10.584,
224.033


 100, 10.584,
224.033


 50, 10.584,
224.033


 80, 10.584,
224.033

 40, 10.584,
224.033

 90, 10.584,
224.033


 30, 10.584,
224.033

 20, 10.584,
224.033

 10, 10.584,
224.033

 0, 10.584, 224.033

 60, 10.584,

 60, 10.584,

224.033

224.033

■ 58, 14.841,
224.847

■ 62, 5.995, 223.439

■ 56, 18.698,
225.944

■ 64, 1.138, 223.307

■ 67, 3.927, 42.482

■ 54, 22.086,
227.381

■ 69, 9.150, 42.331

■ 53, 24.951,
229.234

■ 71, 14.489, 42.213

■ 74, 19.909, 42.147

■ 51, 27.262,
231.587

■ 76, 25.383, 42.125

■ 50, 29.024,
234.523

■ 79, 30.887, 42.137

■ 80, 33.072, 44.131

■ 48, 30.300,
238.101

■ 47, 31.123,
241.131

Harmonies

Complementary

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



60, 10.584, 224.033



57, 12.190, 42.211

Rectangle

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



60, 10.584, 224.033



60, 10.584, 274.033



60, 10.584, 44.033



60, 10.584, 94.033

Sweetspot

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



60, 10.584, 224.026



80, 4.281, 223.241



62, 20.606, 149.555



42, 2.772, 223.256



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 10.584, 224.026



75, 15.609, 224.425



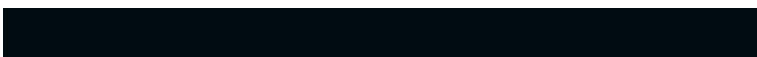
55, 14.736, 277.980



32, 2.796, 223.311



43, 28.976, 240.737



3, 3.694, 226.971

Inverse Universe

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



55, 20.532, 332.959



68, 30.792, 333.317



61, 14.626, 92.224



31, 5.206, 332.091



32, 63.148, 339.647



1, 6.602, 332.816

Previews

White Background



This preview shows how the CIE LCh color 60, 10.584, 224.033 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 CIELCh color 60, 10.584, 224.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

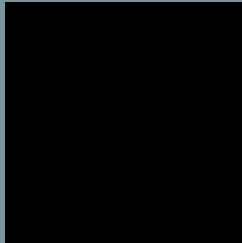
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 10.584, 224.033

Background



This preview shows how black text looks on a background with the CIELCh color 60, 10.584, 224.033.

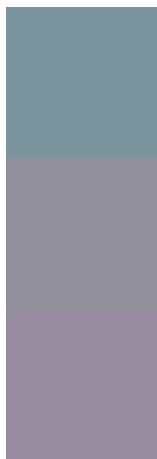


This preview shows how white text looks on a background with the CIELCh color 60, 10.584, 224.033.

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
60, 10.584, 224.033

Protanopia
60, 6.241, 294.353

Deuteranopia
60, 11.577, 312.266



Tritanopia
60, 11.004, 233.253

Trichromacy



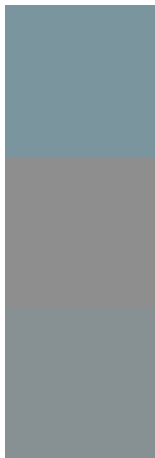
Original Color
60, 10.584, 224.033

Protanomaly
60, 6.501, 259.876

Deuteranomaly
60, 8.505, 286.136

Tritanomaly
60, 10.738, 230.582

Monochromacy



Original Color
60, 10.584, 224.033

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.116, 223.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 10.584, 224.033 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(122, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(122, 149, 157)  
}
```

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(122, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 149, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 10.584, 224.033 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(122, 149, 157) }
```

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

```
.border{ border-color:rgb(122, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 149, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 149, 157); box-shadow:4px 4px 4px 4px rgb(122, 149, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 10.584, 224.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 149, 157) }
```

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

```
.background{ background-color: rgb(122,  
149, 157) }
```

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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