

Converting Colors

CIELCh(60, 22.367, 152.716)

Have a look what the booklet for
CIELCh(60, 22.367, 152.716)
contains.

CIELCh(60, 22.463, 152.918)	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(60, 22.463, 152.918)

Conversions

Conversions Part 1

Format	Color
Hex	719A7E
RGB	113, 154, 126
RGB Percent	44%, 60%, 49%
CMY	0.5569, 0.3961, 0.5059
CMYK	0.27, 0.00, 0.18, 0.40
HSL	139°, 17%, 52%
HSV	139°, 27%, 60%
XYZ	22.1273, 28.1233, 23.9969
YIQ	138.5490, -15.4480, -17.4000

Conversions

Conversions Part 2

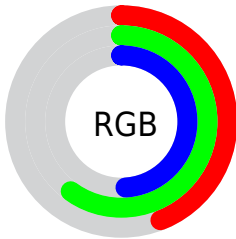
Format	Color
RYB	113, 144, 154
Decimal	7445118
CIELab	60.00, -20.00, 10.23
CIElCh	60, 22.463, 152.918
Yxy	28.1233, 0.2980, 0.3788
Android (android.graphics.Color)	4285635198 (0xFF719A7E)
YUV	138.5490, -6.1867, -22.4065
Hunter-Lab	53.0314, -18.3261, 10.2931

Details

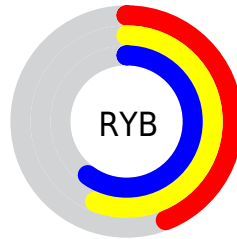
The CIELCh color $60, 22.463, 152.918$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $53, 22.715, 336.877$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 22.520, 152.833$, and $40, 22.586, 152.597$ is the 20% darker color. If you saturate the color by 10%, you get $59, 30.766, 151.921$, and if you desaturate by 10%, it is $61, 14.026, 153.792$.

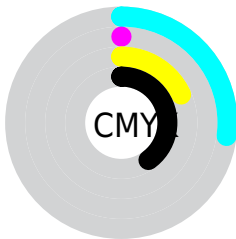
Distribution



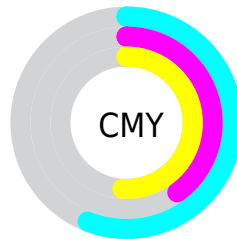
- Red (44%)
- Green (60%)
- Blue (49%)



- Red (44%)
- Yellow (56%)
- Blue (60%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)





- Cyan (56%)
- Magenta (40%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 22.463, 152.918 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, 22.463, 152.918 by changing the saturation by 10% instead.


 60, 22.463,
152.918


 60, 22.463,
152.918


 100, 22.463,
152.918


 50, 22.463,
152.918


 80, 22.463,
152.918

 40, 22.463,
152.918

 90, 22.463,
152.918

 30, 22.463,
152.918

 20, 22.463,
152.918

 10, 22.463,
152.918

 0, 22.463, 152.918

 60, 22.463,

 60, 22.463,

152.918

■ 59, 30.766,
151.921

■ 58, 38.796,
150.779

■ 57, 46.404,
149.473

■ 57, 53.438,
147.988

■ 56, 59.761,
146.322

■ 56, 65.269,
144.494

■ 55, 69.930,
142.578

■ 55, 71.379,
141.986

152.918

■ 61, 14.026,
153.792

■ 63, 5.566, 154.582

■ 64, 2.824, 335.101

■ 66, 11.076,
335.769

■ 67, 19.141,
336.311

■ 69, 26.988,
336.793

■ 71, 34.598,
337.228

■ 73, 41.965,
337.623

■ 75, 49.086,
337.986

Harmonies

Complementary

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



60, 22.463, 152.918



53, 22.715, 336.877

Rectangle

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



60, 22.463, 152.918



60, 22.463, 202.918



60, 22.463, 332.918



60, 22.463, 22.918

Sweetspot

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



60, 22.464, 152.917



80, 8.372, 154.462



62, 23.361, 120.957



42, 6.002, 154.351



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, 22.464, 152.917



76, 33.535, 152.334



61, 15.643, 182.193



32, 4.729, 154.380



51, 66.394, 142.168



3, 5.121, 154.770

Inverse Universe

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



53, 22.715, 336.877



65, 33.958, 337.358



52, 17.507, 7.294



30, 4.755, 335.573



30, 58.787, 345.639



1, 5.059, 335.459

Previews

White Background



This preview shows how the CIELCh color 60, 22.463, 152.918 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, 22.463, 152.918 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, 22.463, 152.918

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.463, 152.918.



This preview shows how white text looks on a background with the CIELCh color 60, 22.463, 152.918.

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, 22.463, 152.918

Protanopia
60, 13.339, 94.277

Deuteranopia
60, 11.419, 49.578



Tritanopia
60, 12.102, 232.895

Trichromacy



Original Color
60, 22.463, 152.918

Protanomaly
60, 14.614, 124.687

Deuteranomaly
59, 9.011, 106.561

Tritanomaly
60, 12.605, 190.492

Monochromacy



Original Color
60, 22.463, 152.918

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.926, 153.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.463, 152.918 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(113, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(113, 154, 126)  
}
```

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(113, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 154, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.463, 152.918 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(113, 154, 126) }
```

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

```
.border{ border-color:rgb(113, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(113, 154,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.463, 152.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 154, 126) }
```

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

```
.background{ background-color: rgb(113,  
154, 126) }
```

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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