

Converting Colors

CIELCh(62, 19.449, 144.221)

Have a look what the booklet for
CIELCh(62, 19.449, 144.221)
contains.

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Color

CIELCh(62, 19.425, 144.229)

Conversions

Conversions Part 1

Format	Color
Hex	809D81
RGB	128, 157, 129
RGB Percent	50%, 62%, 51%
CMY	0.4970, 0.3833, 0.4931
CMYK	0.18, 0.00, 0.18, 0.38
HSL	122°, 13%, 56%
HSV	122°, 18%, 62%
XYZ	25.0204, 30.4025, 25.4062
YIQ	145.1370, -8.2960, -14.8560

Conversions

Conversions Part 2

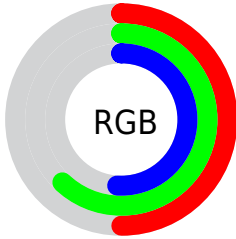
Format	Color
RYB	128, 156, 157
Decimal	8428929
CIELab	62.00, -15.76, 11.35
CIELCh	62, 19.425, 144.229
Yxy	30.4025, 0.3095, 0.3761
Android (android.graphics.Color)	4286619009 (0xFF809D81)
YUV	145.1370, -7.9555, -15.0291
Hunter-Lab	55.1385, -15.4938, 11.2778

Details

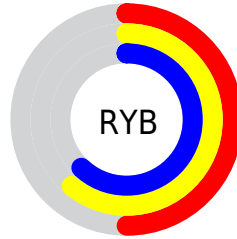
The CIELCh color $62, 19.425, 144.229$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $57, 19.446, 326.367$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 19.643, 144.419$, and $42, 19.643, 144.724$ is the 20% darker color. If you saturate the color by 10%, you get $61, 29.975, 143.445$, and if you desaturate by 10%, it is $63, 8.850, 144.911$.

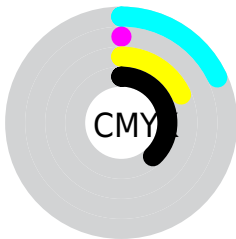
Distribution



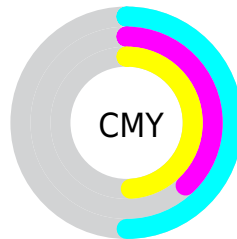
- Red (50%)
- Green (62%)
- Blue (51%)



- Red (50%)
- Yellow (61%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)




- Cyan (50%)
- Magenta (38%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.425, 144.229 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 62, 19.425, 144.229 by changing the saturation by 10% instead.

 62, 19.425,
144.229


 62, 19.425,
144.229


 100, 19.425,
144.229


 52, 19.425,
144.229


 82, 19.425,
144.229

 42, 19.425,
144.229

 92, 19.425,
144.229

 32, 19.425,
144.229

 22, 19.425,
144.229

 12, 19.425,
144.229

 2, 19.425, 144.229

 0, 19.425, 144.229

■ 62, 19.425,
144.229

■ 62, 19.425,
144.229

■ 61, 29.975,
143.445

■ 63, 8.850, 144.911

■ 60, 40.318,
142.540

■ 65, 1.623, 325.318

■ 59, 50.229,
141.515

■ 67, 11.898,
325.921

■ 58, 59.429,
140.386

■ 69, 21.913,
326.342

■ 57, 67.591,
139.204

■ 71, 31.631,
326.697

■ 57, 74.347,
138.058

■ 73, 41.033,
327.000


■ 56, 79.336,
137.074


■ 75, 50.114,
327.260

■ 56, 82.400,

■ 77, 58.878,
327.485

136.422

 78, 60.768,
326.511

 56, 82.784,
136.355

Harmonies

Complementary

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



62, 19.425, 144.229



57, 19.446, 326.367

Rectangle

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



62, 19.425, 144.229



62, 19.425, 194.229



62, 19.425, 324.229



62, 19.425, 14.229

Sweetspot

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



62, 19.427, 144.229



81, 7.756, 145.062



64, 16.044, 109.841



42, 5.135, 145.024



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 19.427, 144.229



78, 28.661, 143.931



62, 13.453, 163.899



33, 5.953, 144.859



51, 77.066, 136.396



3, 7.768, 145.326

Inverse Universe

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



57, 19.446, 326.367



71, 28.684, 326.585



57, 13.814, 347.091



31, 5.963, 325.853



33, 73.090, 329.619



1, 7.717, 325.597

Previews

White Background



This preview shows how the CIELCh color 62, 19.425, 144.229 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 19.425, 144.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

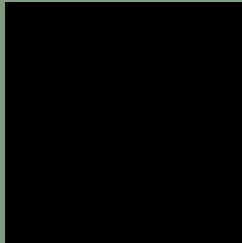
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.425, 144.229

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.425, 144.229.

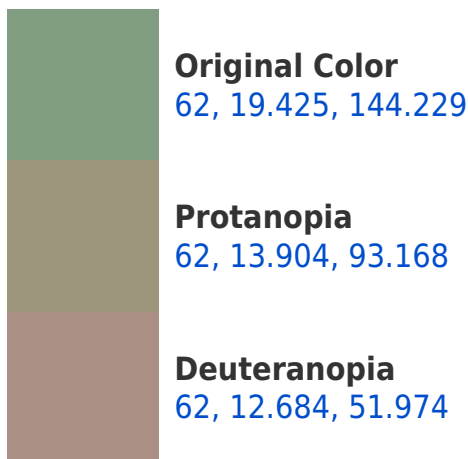


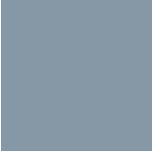
This preview shows how white text looks on a background with the CIELCh color 62, 19.425, 144.229.

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





Tritanopia
62, 9.618, 248.600

Trichromacy



Original Color
62, 19.425, 144.229

Protanomaly
62, 14.085, 116.902

Deuteranomaly
62, 10.343, 95.419

Tritanomaly
62, 8.297, 190.889

Monochromacy



Original Color
62, 19.425, 144.229

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 6.879, 144.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.425, 144.229 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(128, 157, 129)` looks like.

```
.text, #text, p{  
    color:rgb(128, 157, 129)  
}
```

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(128, 157, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 157, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.425, 144.229 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(128, 157, 129) }
```

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

```
.border{ border-color:rgb(128, 157, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 157, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 157, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 157, 129);  
box-shadow:4px 4px 4px 4px rgb(128, 157,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.425, 144.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 157, 129) }
```

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

```
.background{ background-color: rgb(128,  
157, 129) }
```

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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