

Converting Colors

CIELCh(64, 22.365, 143.190)

Have a look what the booklet for
CIELCh(64, 22.365, 143.190)
contains.

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Color

CIELCh(64, 22.459, 143.182)

Conversions

Conversions Part 1

Format	Color
Hex	83A483
RGB	131, 164, 131
RGB Percent	51%, 64%, 51%
CMY	0.4880, 0.3587, 0.4880
CMYK	0.20, 0.00, 0.20, 0.36
HSL	120°, 15%, 58%
HSV	120°, 20%, 64%
XYZ	26.5501, 32.8017, 26.2473
YIQ	150.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

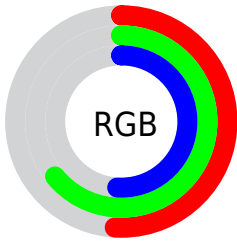
Format	Color
RYB	131, 164, 164
Decimal	8627331
CIELab	64.00, -17.98, 13.46
CIElCh	64, 22.459, 143.182
Yxy	32.8017, 0.3102, 0.3832
Android (android.graphics.Color)	4286817411 (0xFF83A483)
YUV	150.3710, -9.5499, -16.9884
Hunter-Lab	57.2727, -17.4794, 12.9192

Details

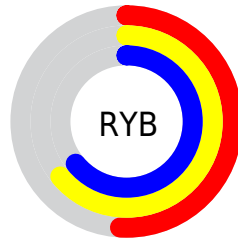
The CIELCh color **64, 22.459, 143.182** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 22.476, 325.519**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.546, 143.457**, and **44, 22.124, 143.523** is the 20% darker color. If you saturate the color by 10%, you get **63, 33.579, 142.382**, and if you desaturate by 10%, it is **66, 11.277, 143.875**.

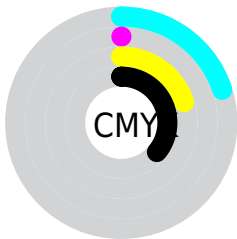
Distribution



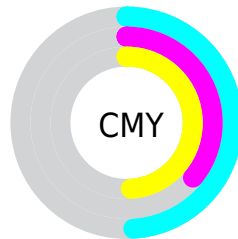
- Red (51%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)




- Cyan (49%)
- Magenta (36%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 22.459, 143.182 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 64, 22.459, 143.182 by changing the saturation by 10% instead.

 64, 22.459,
143.182


 64, 22.459,
143.182

 100, 22.459,
143.182

 54, 22.459,
143.182


 84, 22.459,
143.182

 44, 22.459,
143.182

 94, 22.459,
143.182

 34, 22.459,
143.182

 24, 22.459,
143.182

 14, 22.459,
143.182

 4, 22.459, 143.182

 0, 22.459, 143.182

■ 64, 22.459,
143.182

■ 64, 22.459,
143.182

■ 63, 33.579,
142.382

■ 66, 11.277,
143.875

■ 62, 44.427,
141.464

■ 67, 0.181, 145.662

■ 61, 54.740,
140.437

■ 69, 10.718,
324.908

■ 60, 64.189,
139.332

■ 71, 21.349,
325.335

■ 59, 72.381,
138.223

■ 73, 31.668,
325.692

■ 59, 78.882,
137.226

■ 75, 41.653,
325.995

■ 59, 83.302,
136.482

■ 78, 51.297,
326.252

■ 58, 85.905,

■ 79, 57.015,
326.386

Harmonies

Complementary

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



64, 22.459, 143.182



59, 22.476, 325.519

Rectangle

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



64, 22.459, 143.182



64, 22.459, 193.182



64, 22.459, 323.182



64, 22.459, 13.182

Sweetspot

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



64, 22.461, 143.182



84, 8.180, 144.136



66, 18.092, 108.264



44, 5.472, 144.097



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 22.461, 143.182



80, 32.980, 142.855



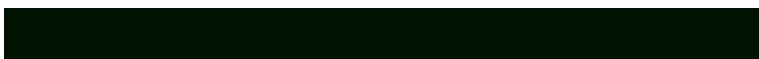
64, 15.562, 161.927



34, 6.257, 143.934



52, 78.789, 136.018



4, 9.702, 144.447

Inverse Universe

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



59, 22.476, 325.519



72, 32.994, 325.748



58, 15.953, 345.375



32, 6.267, 324.922



34, 76.012, 328.239



2, 9.703, 324.444

Previews

White Background



This preview shows how the CIE LCh color 64, 22.459, 143.182 looks on a white background.

Color Contrast Check

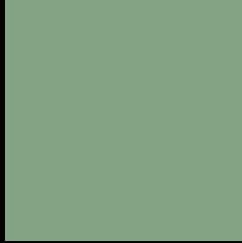
Large Text (above 18pt) WCAG AA × Fail

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 64, 22.459, 143.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

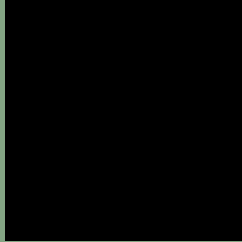
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 22.459, 143.182

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.459, 143.182.

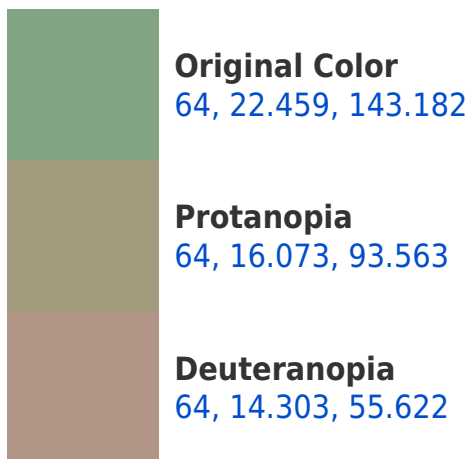


This preview shows how white text looks on a background with the CIELCh color 64, 22.459, 143.182.

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
64, 10.263, 244.098

Trichromacy



Original Color
64, 22.459, 143.182

Protanomaly
64, 16.185, 115.635

Deuteranomaly
64, 11.907, 97.097

Tritanomaly
64, 9.575, 185.075

Monochromacy



Original Color
64, 22.459, 143.182

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.202, 144.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.459, 143.182 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(131, 164, 131)` looks like.

```
.text, #text, p{  
    color:rgb(131, 164, 131)  
}
```

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(131, 164, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 164, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.459, 143.182 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(131, 164, 131) }
```

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

```
.border{ border-color:rgb(131, 164, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 164, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 164, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 164, 131);  
box-shadow:4px 4px 4px 4px rgb(131, 164,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.459, 143.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 164, 131) }
```

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

```
.background{ background-color: rgb(131,  
164, 131) }
```

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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