

Converting Colors

CIELCh(64, 22.925, 143.151)

Have a look what the booklet for
CIELCh(64, 22.925, 143.151)
contains.

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Color

CIELCh(64, 23.142, 143.136)

Conversions

Conversions Part 1

Format	Color
Hex	82A482
RGB	130, 164, 130
RGB Percent	51%, 64%, 51%
CMY	0.4911, 0.3578, 0.4911
CMYK	0.21, 0.00, 0.21, 0.36
HSL	120°, 16%, 58%
HSV	120°, 21%, 64%
XYZ	26.4198, 32.8017, 25.9799
YIQ	149.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

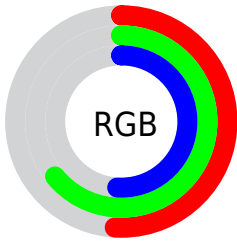
Format	Color
RYB	130, 164, 164
Decimal	8561794
CIELab	64.00, -18.52, 13.88
CIELCh	64, 23.142, 143.136
Yxy	32.8017, 0.3101, 0.3850
Android (android.graphics.Color)	4286751874 (0xFF82A482)
YUV	149.9580, -9.8393, -17.5032
Hunter-Lab	57.2727, -17.8856, 13.1960

Details

The CIELCh color **64, 23.142, 143.136** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **58, 23.159, 325.549**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.194, 143.425**, and **44, 22.851, 143.425** is the 20% darker color. If you saturate the color by 10%, you get **63, 34.266, 142.329**, and if you desaturate by 10%, it is **65, 11.946, 143.835**.

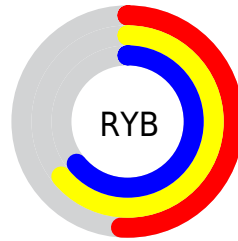
Distribution



Red (51%)

Green (64%)

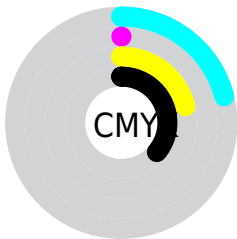
Blue (51%)



Red (51%)

Yellow (64%)

Blue (64%)

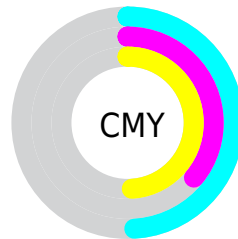


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (36%)



Cyan (49%)


Magenta (36%)

Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 23.142, 143.136 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, 23.142, 143.136 by changing the saturation by 10% instead.


 64, 23.142,
143.136


 64, 23.142,
143.136


 100, 23.142,
143.136


 54, 23.142,
143.136


 84, 23.142,
143.136

 44, 23.142,
143.136

 94, 23.142,
143.136

 34, 23.142,
143.136

 24, 23.142,
143.136

 14, 23.142,
143.136

 4, 23.142, 143.136

 0, 23.142, 143.136

■ 64, 23.142,
143.136

■ 64, 23.142,
143.136

■ 63, 34.266,
142.329

■ 65, 11.946,
143.835

■ 62, 45.103,
141.405

■ 67, 0.828, 144.671

■ 61, 55.387,
140.371

■ 69, 10.098,
324.878

■ 60, 64.784,
139.264

■ 71, 20.759,
325.310

■ 59, 72.898,
138.157

■ 73, 31.110,
325.671

■ 59, 79.291,
137.172

■ 75, 41.127,
325.976

■ 59, 83.583,
136.447

■ 77, 50.802,
326.236

■ 58, 85.995,

■ 79, 56.876,
326.382

Harmonies

Complementary

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



64, 23.142, 143.136



58, 23.159, 325.549

Rectangle

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



64, 23.142, 143.136



64, 23.142, 193.136



64, 23.142, 323.136



64, 23.142, 13.136

Sweetspot

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



64, 23.144, 143.136



84, 8.181, 144.134



66, 18.634, 108.208



44, 5.473, 144.095



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, 23.144, 143.136



80, 34.355, 142.772



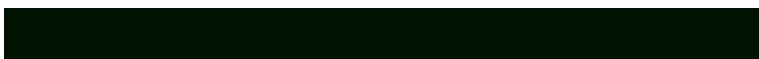
64, 16.029, 161.870



34, 6.257, 143.932



52, 78.790, 136.017



4, 9.702, 144.445

Inverse Universe

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



58, 23.159, 325.549



72, 34.366, 325.799



58, 16.443, 345.432



32, 6.267, 324.920



34, 76.017, 328.236



2, 9.704, 324.441

Previews

White Background



This preview shows how the CIELCh color 64, 23.142, 143.136 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, 23.142, 143.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

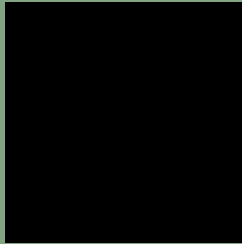
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

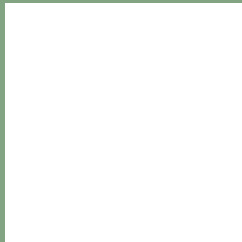
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 23.142, 143.136

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.142, 143.136.



This preview shows how white text looks on a background with the CIELCh color 64, 23.142, 143.136.

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
64, 23.142, 143.136

Protanopia
64, 16.609, 93.963

Deuteranopia
64, 14.663, 57.267



Tritanopia
64, 10.263, 244.098

Trichromacy



Original Color
64, 23.142, 143.136

Protanomaly
64, 17.313, 116.420

Deuteranomaly
64, 12.451, 97.533

Tritanomaly
64, 9.920, 185.515

Monochromacy



Original Color
64, 23.142, 143.136

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, 23.142, 143.136 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(130, 164, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 164, 130)  
}
```

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(130, 164, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 164, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.142, 143.136 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(130, 164, 130) }
```

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

```
.border{ border-color:rgb(130, 164, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 164, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 164, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 164, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 164,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.142, 143.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 164, 130) }
```

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

```
.background{ background-color: rgb(130,  
164, 130) }
```

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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