

Converting Colors

CIELCh(64, 21.566, 142.425)

Have a look what the booklet for
CIELCh(64, 21.566, 142.425)
contains.

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Color

CIELCh(64, 21.578, 142.438)

Conversions

Conversions Part 1

Format	Color
Hex	84A383
RGB	132, 163, 131
RGB Percent	52%, 64%, 51%
CMY	0.4818, 0.3602, 0.4858
CMYK	0.19, 0.00, 0.20, 0.36
HSL	118°, 15%, 58%
HSV	118°, 20%, 64%
XYZ	26.7638, 32.8017, 26.4405
YIQ	150.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

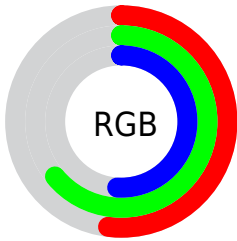
Format	Color
RYB	131, 163, 162
Decimal	8692611
CIELab	64.00, -17.10, 13.15
CIElCh	64, 21.578, 142.438
Yxy	32.8017, 0.3112, 0.3814
Android (android.graphics.Color)	4286882691 (0xFF84A383)
YUV	150.0830, -9.4079, -15.8588
Hunter-Lab	57.2727, -16.8133, 12.7191

Details

The CIELCh color **64, 21.578, 142.438** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 21.619, 324.611**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 21.707, 142.740**, and **44, 21.191, 142.792** is the 20% darker color. If you saturate the color by 10%, you get **63, 32.579, 141.684**, and if you desaturate by 10%, it is **65, 10.532, 143.095**.

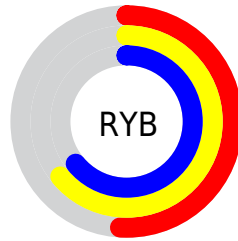
Distribution



Red (52%)

Green (64%)

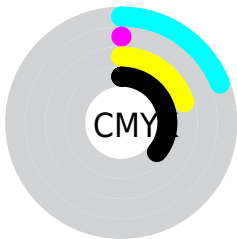
Blue (51%)



Red (51%)

Yellow (64%)

Blue (64%)

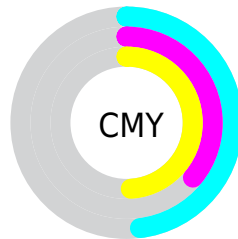


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 21.578, 142.438 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, 21.578, 142.438 by changing the saturation by 10% instead.

 64, 21.578,
142.438

 64, 21.578,
142.438


 100, 21.578,
142.438


 54, 21.578,
142.438


 84, 21.578,
142.438

 44, 21.578,
142.438

 94, 21.578,
142.438

 34, 21.578,
142.438

 24, 21.578,
142.438

 14, 21.578,
142.438

 4, 21.578, 142.438

 0, 21.578, 142.438

■ 64, 21.578,
142.438

■ 64, 21.578,
142.438

■ 63, 32.579,
141.684

■ 65, 10.532,
143.095

■ 62, 43.341,
140.823

■ 67, 0.422, 323.115

■ 61, 53.616,
139.866

■ 69, 11.182,
324.076

■ 60, 63.092,
138.845

■ 71, 21.683,
324.483

■ 59, 71.385,
137.831

■ 73, 31.884,
324.824

■ 59, 78.063,
136.938

■ 75, 41.765,
325.112


■ 58, 82.718,
136.299

■ 77, 51.318,
325.357

■ 58, 85.478,

■ 79, 57.256,
326.394

135.884

 58, 85.575,
135.865

Harmonies

Complementary

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



64, 21.578, 142.438



59, 21.619, 324.611

Rectangle

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



64, 21.578, 142.438



64, 21.578, 192.438



64, 21.578, 322.438



64, 21.578, 12.438

Sweetspot

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



64, 21.580, 142.438



84, 8.098, 143.311



66, 17.006, 106.905



44, 5.417, 143.274



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, 21.580, 142.438



80, 32.649, 142.088



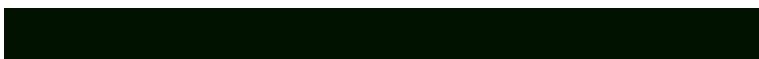
64, 15.494, 160.268



34, 6.194, 143.117



52, 78.604, 135.843



4, 9.615, 143.688

Inverse Universe

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



59, 21.619, 324.611



72, 32.708, 324.860



58, 15.815, 343.510



32, 6.207, 324.065



33, 76.131, 327.025



1, 9.576, 323.328

Previews

White Background



This preview shows how the CIELCh color 64, 21.578, 142.438 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 CIE LCh color 64, 21.578, 142.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

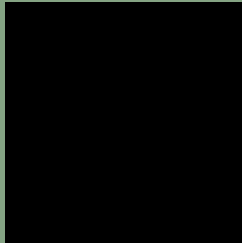
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

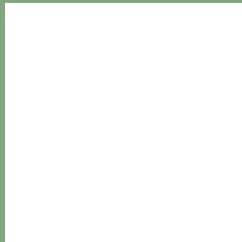
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 21.578, 142.438

Background



This preview shows how black text looks on a background with the CIELCh color 64, 21.578, 142.438.

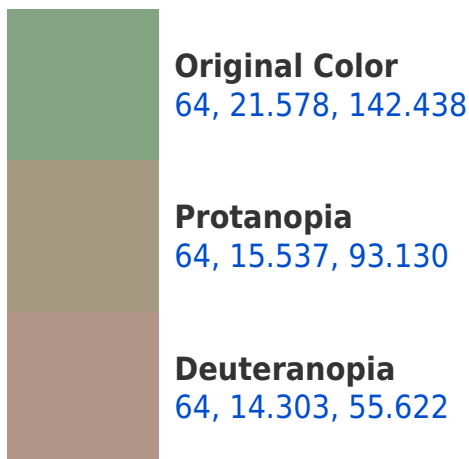


This preview shows how white text looks on a background with the CIELCh color 64, 21.578, 142.438.

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, 9.413, 244.478

Trichromacy



Original Color
64, 21.578, 142.438

Protanomaly
64, 15.639, 115.932

Deuteranomaly
64, 11.997, 95.186

Tritanomaly
64, 8.882, 184.077

Monochromacy



Original Color
64, 21.578, 142.438

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.983, 141.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 21.578, 142.438 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(132, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(132, 163, 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(132, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 163, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 21.578, 142.438 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(132, 163, 131) }
```

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

```
.border{ border-color:rgb(132, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(132, 163,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 21.578, 142.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 163, 131) }
```

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

```
.background{ background-color: rgb(132,  
163, 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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