

Converting Colors

CIELCh(64, 25.473, 163.993)

Have a look what the booklet for
CIELCh(64, 25.473, 163.993)
contains.

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Color

CIELCh(64, 25.543, 164.174)

Conversions

Conversions Part 1

Format	Color
Hex	6DA78E
RGB	109, 167, 142
RGB Percent	43%, 65%, 56%
CMY	0.5729, 0.3454, 0.4435
CMYK	0.35, 0.00, 0.15, 0.35
HSL	154°, 25%, 54%
HSV	154°, 35%, 65%
XYZ	24.9751, 32.8017, 30.5729
YIQ	146.8080, -26.5430, -20.0710

Conversions

Conversions Part 2

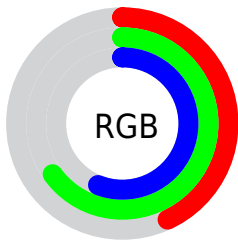
Format	Color
RYB	109, 146, 167
Decimal	7186318
CIELab	64.00, -24.57, 6.97
CIElCh	64, 25.543, 164.174
Yxy	32.8017, 0.2827, 0.3713
Android (android.graphics.Color)	4285376398 (0xFF6DA78E)
YUV	146.8080, -2.3703, -33.1576
Hunter-Lab	57.2727, -22.3883, 8.4412

Details

The CIELCh color $64, 25.543, 164.174$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 27.085, 351.081$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 25.302, 164.842$, and $44, 25.672, 164.154$ is the 20% darker color. If you saturate the color by 10%, you get $63, 32.384, 162.948$, and if you desaturate by 10%, it is $65, 18.382, 165.273$.

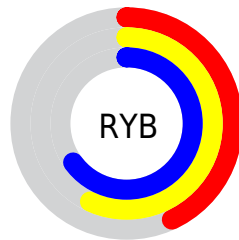
Distribution



Red (43%)

Green (65%)

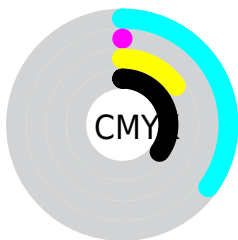
Blue (56%)



Red (43%)

Yellow (57%)

Blue (65%)

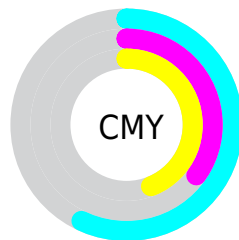


Cyan (35%)

Magenta (0%)

Yellow (15%)

Black (35%)



Cyan (57%)


Magenta (35%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 25.543, 164.174 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, 25.543, 164.174 by changing the saturation by 10% instead.

 64, 25.543,
164.174


 64, 25.543,
164.174


 100, 25.543,
164.174


 54, 25.543,
164.174


 84, 25.543,
164.174

 44, 25.543,
164.174

 94, 25.543,
164.174

 34, 25.543,
164.174

 24, 25.543,
164.174

 14, 25.543,
164.174

 4, 25.543, 164.174

 0, 25.543, 164.174

■ 64, 25.543,
164.174

■ 64, 25.543,
164.174

■ 63, 32.384,
162.948

■ 65, 18.382,
165.273

■ 62, 38.779,
161.576

■ 66, 11.016,
166.275

■ 62, 44.616,
160.030

■ 68, 3.549, 167.247

■ 61, 49.804,
158.290

■ 69, 3.932, 347.871

■ 61, 54.296,
156.345

■ 71, 11.358,
348.698

■ 60, 58.107,
154.200

■ 73, 18.676,
349.423

■ 60, 59.966,
153.081

■ 75, 25.851,
350.095

■ 77, 32.858,
350.727

■ 78, 38.413,
349.916

Harmonies

Complementary

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



64, 25.543, 164.174



53, 27.085, 351.081

Rectangle

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



64, 25.543, 164.174



64, 25.543, 214.174



64, 25.543, 344.174



64, 25.543, 34.174

Sweetspot

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



64, 25.544, 164.173



85, 9.249, 166.711



65, 34.378, 129.792



45, 6.360, 166.583



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 25.544, 164.173



80, 37.730, 163.202



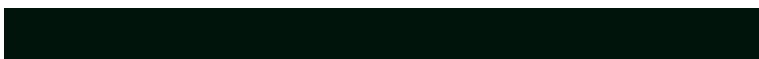
64, 18.439, 204.649



35, 4.261, 166.796



54, 54.607, 153.331



5, 8.218, 163.266

Inverse Universe

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



53, 27.085, 351.081



64, 40.496, 352.179



53, 23.570, 27.435



33, 4.331, 348.300



31, 56.256, 7.697



2, 7.510, 351.230

Previews

White Background



This preview shows how the CIELCh color 64, 25.543, 164.174 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, 25.543, 164.174 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, 25.543, 164.174

Background



This preview shows how black text looks on a background with the CIELCh color 64, 25.543, 164.174.

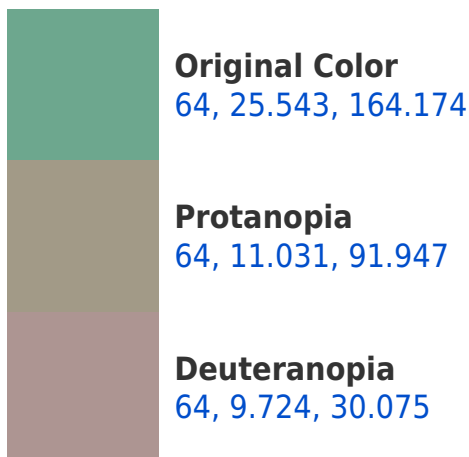


This preview shows how white text looks on a background with the CIELCh color 64, 25.543, 164.174.

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, 16.861, 223.889

Trichromacy



Original Color
64, 25.543, 164.174

Protanomaly
64, 13.295, 137.081

Deuteranomaly
64, 6.569, 130.365

Tritanomaly
64, 17.738, 196.073

Monochromacy



Original Color
64, 25.543, 164.174

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 9.525, 166.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 25.543, 164.174 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(109, 167, 142)` looks like.

```
.text, #text, p{  
    color:rgb(109, 167, 142)  
}
```

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(109, 167, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 167, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 25.543, 164.174 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(109, 167, 142) }
```

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

```
.border{ border-color:rgb(109, 167, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 167, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 167, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 167, 142); box-shadow:4px 4px 4px 4px rgb(109, 167, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 25.543, 164.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 167, 142) }
```

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

```
.background{ background-color: rgb(109,  
167, 142) }
```

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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