

Converting Colors

CIELCh(64, 24.147, 167.575)

Have a look what the booklet for
CIELCh(64, 24.147, 167.575)
contains.

CIELCh(64, 24.524, 167.279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 24.524, 167.279)

Conversions

Conversions Part 1

Format	Color
Hex	6DA791
RGB	109, 167, 145
RGB Percent	43%, 65%, 57%
CMY	0.5736, 0.3462, 0.4325
CMYK	0.35, 0.00, 0.13, 0.35
HSL	157°, 25%, 54%
HSV	157°, 35%, 65%
XYZ	25.1281, 32.8017, 31.6826
YIQ	147.1500, -27.5060, -19.1380

Conversions

Conversions Part 2

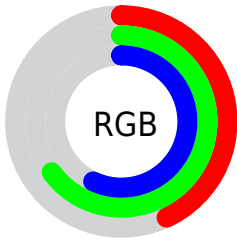
Format	Color
RYB	109, 145, 167
Decimal	7186321
CIELab	64.00, -23.92, 5.40
CIElCh	64, 24.524, 167.279
Yxy	32.8017, 0.2804, 0.3660
Android (android.graphics.Color)	4285376401 (0xFF6DA791)
YUV	147.1500, -1.0600, -33.4576
Hunter-Lab	57.2727, -21.9113, 7.2925

Details

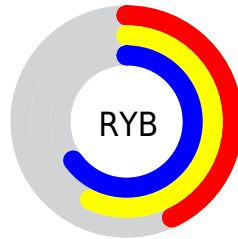
The CIELCh color $64, 24.524, 167.279$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 26.409, 354.432$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 24.365, 167.835$, and $44, 24.552, 167.461$ is the 20% darker color. If you saturate the color by 10%, you get $63, 31.005, 166.052$, and if you desaturate by 10%, it is $65, 17.699, 168.387$.

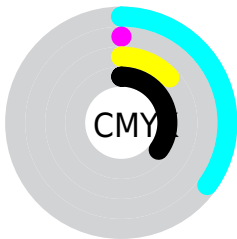
Distribution



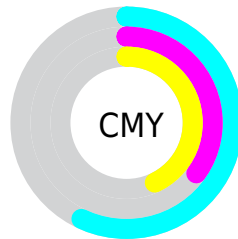
- Red (43%)
- Green (65%)
- Blue (57%)



- Red (43%)
- Yellow (57%)
- Blue (65%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)





- Cyan (57%)
- Magenta (35%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.524, 167.279 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, 24.524, 167.279 by changing the saturation by 10% instead.

 64, 24.524,
167.279


 64, 24.524,
167.279


 100, 24.524,
167.279


 54, 24.524,
167.279


 84, 24.524,
167.279

 44, 24.524,
167.279

 94, 24.524,
167.279

 34, 24.524,
167.279

 24, 24.524,
167.279

 14, 24.524,
167.279

 4, 24.524, 167.279

 0, 24.524, 167.279

■ 64, 24.524,
167.279

■ 64, 24.524,
167.279

■ 63, 31.005,
166.052

■ 65, 17.699,
168.387

■ 62, 37.022,
164.687

■ 66, 10.641,
169.406

■ 62, 42.468,
163.157

■ 68, 3.453, 170.405

■ 61, 47.259,
161.441

■ 69, 3.776, 351.040

■ 61, 51.357,
159.522

■ 71, 10.978,
351.904

■ 60, 54.785,
157.405

■ 73, 18.098,
352.665

■ 60, 56.440,
156.303

■ 74, 25.099,
353.375

■ 76, 31.953,
354.046

■ 78, 37.426,
353.474

Harmonies

Complementary

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



64, 24.524, 167.279



53, 26.409, 354.432

Rectangle

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



64, 24.524, 167.279



64, 24.524, 217.279



64, 24.524, 347.279



64, 24.524, 37.279

Sweetspot

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



64, 24.525, 167.278



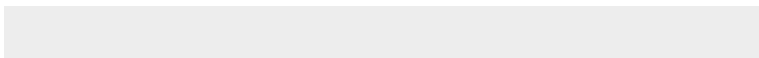
85, 8.929, 169.856



65, 34.869, 131.452



45, 6.138, 169.724



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, 24.525, 167.278



80, 36.150, 166.310



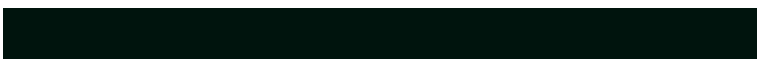
63, 17.659, 210.456



35, 4.114, 169.943



54, 51.462, 156.548



5, 7.940, 166.033

Inverse Universe

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



53, 26.409, 354.432



63, 39.572, 355.607



54, 22.634, 31.593



33, 4.197, 351.491



31, 56.610, 12.641



2, 7.313, 354.152

Previews

White Background



This preview shows how the CIELCh color 64, 24.524, 167.279 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, 24.524, 167.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

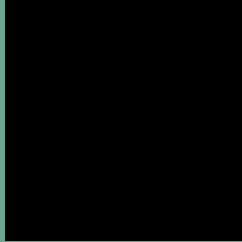
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.524, 167.279

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.524, 167.279.

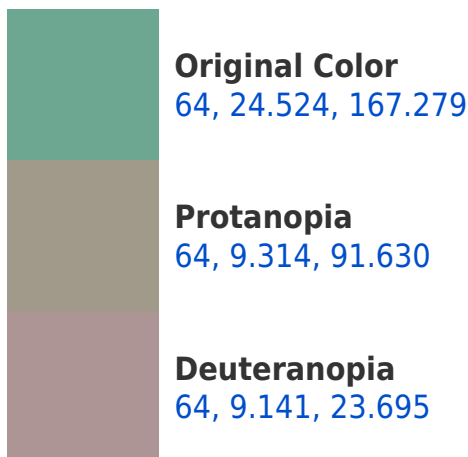


This preview shows how white text looks on a background with the CIELCh color 64, 24.524, 167.279.

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, 24.524, 167.279

Protanomaly
64, 12.527, 140.970

Deuteranomaly
63, 5.047, 137.110

Tritanomaly
64, 17.659, 197.902

Monochromacy



Original Color
64, 24.524, 167.279

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 9.216, 169.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.524, 167.279 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(109, 167, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 167, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.524, 167.279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

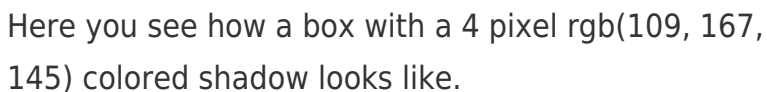
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 167, 145) }
```

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

```
.border{ border-color:rgb(109, 167, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 167, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 167, 145);  
box-shadow:4px 4px 4px 4px rgb(109, 167,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.524, 167.279 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, 145) }
```

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

```
.background{ background-color: rgb(109,  
167, 145) }
```

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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