

Converting Colors

CIELCh(65, 25.679, 152.032)

Have a look what the booklet for
CIELCh(65, 25.679, 152.032)
contains.

CIELCh(65, 25.039, 152.326)	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(65, 25.039, 152.326)

Conversions

Conversions Part 1

Format	Color
Hex	7AA888
RGB	122, 168, 136
RGB Percent	48%, 66%, 53%
CMY	0.5205, 0.3401, 0.4656
CMYK	0.27, 0.00, 0.19, 0.34
HSL	138°, 21%, 57%
HSV	138°, 27%, 66%
XYZ	26.5782, 34.0472, 28.5605
YIQ	150.5980, -17.1440, -19.7040

Conversions

Conversions Part 2

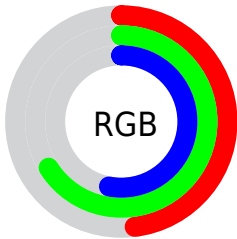
Format	Color
RYB	122, 157, 168
Decimal	8038536
CIELab	65.00, -22.17, 11.63
CIELCh	65, 25.039, 152.326
Yxy	34.0472, 0.2980, 0.3818
Android (android.graphics.Color)	4286228616 (0xFF7AA888)
YUV	150.5980, -7.1968, -25.0804
Hunter-Lab	58.3500, -20.8063, 11.8244

Details

The CIELCh color **65, 25.039, 152.326** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **57, 25.302, 336.392**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.036, 152.326**, and **45, 25.237, 151.933** is the 20% darker color. If you saturate the color by 10%, you get **64, 34.038, 151.316**, and if you desaturate by 10%, it is **66, 15.884, 153.209**.

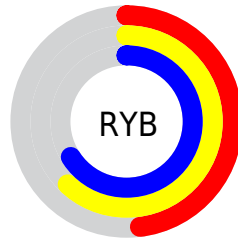
Distribution



Red (48%)

Green (66%)

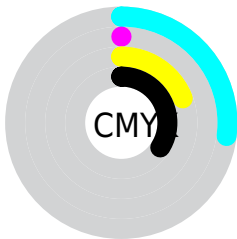
Blue (53%)



Red (48%)

Yellow (62%)

Blue (66%)

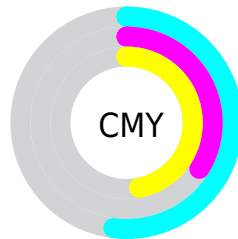


Cyan (27%)

Magenta (0%)

Yellow (19%)

Black (34%)



Cyan (52%)


Magenta (34%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 25.039, 152.326 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 65, 25.039, 152.326 by changing the saturation by 10% instead.


 65, 25.039,
152.326


 65, 25.039,
152.326


 100, 25.039,
152.326


 55, 25.039,
152.326


 85, 25.039,
152.326

 45, 25.039,
152.326

 95, 25.039,
152.326

 35, 25.039,
152.326

 25, 25.039,
152.326

 15, 25.039,
152.326

 5, 25.039, 152.326

 0, 25.039, 152.326

■ 65, 25.039,
152.326

■ 65, 25.039,
152.326

■ 64, 34.038,
151.316

■ 66, 15.884,
153.209

■ 63, 42.724,
150.156

■ 68, 6.698, 154.001

■ 62, 50.931,
148.829

■ 69, 2.415, 334.505

■ 61, 58.490,
147.321

■ 71, 11.379,
335.198

■ 61, 65.249,
145.634

■ 73, 20.139,
335.739

■ 60, 71.094,
143.794

■ 75, 28.660,
336.218


■ 60, 75.989,
141.886

■ 77, 36.922,
336.649

■ 60, 77.181,

■ 79, 44.488,
336.341

141.424

 79, 48.788,
331.092

Harmonies

Complementary

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



65, 25.039, 152.326



57, 25.302, 336.392

Rectangle

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



65, 25.039, 152.326



65, 25.039, 202.326



65, 25.039, 332.326



65, 25.039, 22.326

Sweetspot

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



65, 25.040, 152.326



86, 9.055, 153.939



67, 25.706, 120.241



45, 6.431, 153.826



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 25.040, 152.326



82, 37.398, 151.710



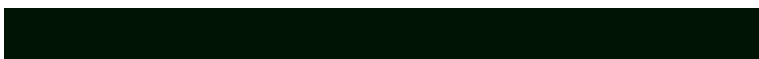
66, 17.396, 180.779



35, 5.168, 153.850



53, 69.832, 141.653



5, 9.705, 152.792

Inverse Universe

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



57, 25.302, 336.392



69, 37.831, 336.890



56, 19.439, 6.156



33, 5.194, 335.049



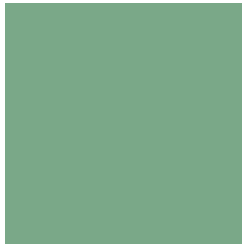
32, 61.538, 344.811



2, 8.912, 337.684

Previews

White Background



This preview shows how the CIELCh color 65, 25.039, 152.326 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 65, 25.039, 152.326 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 65, 25.039, 152.326

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.039, 152.326.

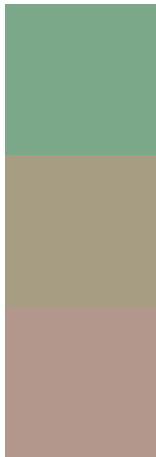


This preview shows how white text looks on a background with the CIELCh color 65, 25.039, 152.326.

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
65, 25.039, 152.326

Protanopia
65, 14.839, 94.240

Deuteranopia
65, 12.969, 48.155



Tritanopia
65, 13.325, 231.623

Trichromacy



Original Color
65, 25.039, 152.326

Protanomaly
65, 16.093, 124.388

Deuteranomaly
64, 9.976, 106.802

Tritanomaly
65, 13.792, 191.247

Monochromacy



Original Color
65, 25.039, 152.326

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.744, 154.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.039, 152.326 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(122, 168, 136)` looks like.

```
.text, #text, p{  
    color:rgb(122, 168, 136)  
}
```

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(122, 168, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.039, 152.326 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(122, 168, 136) }
```

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

```
.border{ border-color:rgb(122, 168, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 168, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 168, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 168, 136);  
box-shadow:4px 4px 4px 4px rgb(122, 168,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.039, 152.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 136) }
```

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

```
.background{ background-color: rgb(122,  
168, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor