

Converting Colors

CIELCh(65, 24.040, 150.134)

Have a look what the booklet for
CIELCh(65, 24.040, 150.134)
contains.

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Color

CIELCh(65, 24.040, 150.066)

Conversions

Conversions Part 1

Format	Color
Hex	7EA888
RGB	126, 168, 136
RGB Percent	49%, 66%, 53%
CMY	0.5073, 0.3426, 0.4680
CMYK	0.25, 0.00, 0.19, 0.34
HSL	134°, 19%, 58%
HSV	134°, 25%, 66%
XYZ	26.9067, 34.0472, 28.3156
YIQ	151.7940, -14.7600, -18.8560

Conversions

Conversions Part 2

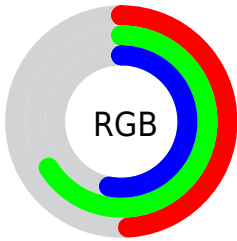
Format	Color
RYB	126, 160, 168
Decimal	8300680
CIELab	65.00, -20.83, 12.00
CIElCh	65, 24.040, 150.066
Yxy	34.0472, 0.3014, 0.3814
Android (android.graphics.Color)	4286490760 (0xFF7EA888)
YUV	151.7940, -7.7864, -22.6213
Hunter-Lab	58.3500, -19.8014, 12.0732

Details

The CIELCh color $65, 24.040, 150.066$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $58, 24.185, 333.527$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.075, 150.096$, and $45, 24.219, 149.712$ is the 20% darker color. If you saturate the color by 10%, you get $64, 33.541, 149.120$, and if you desaturate by 10%, it is $66, 14.420, 150.890$.

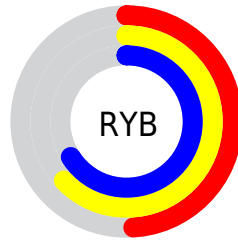
Distribution



Red (49%)

Green (66%)

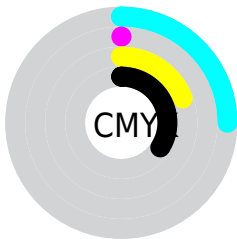
Blue (53%)



Red (49%)

Yellow (63%)

Blue (66%)

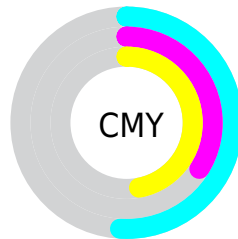


Cyan (25%)

Magenta (0%)

Yellow (19%)

Black (34%)



Cyan (51%)


Magenta (34%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.040, 150.066 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, 24.040, 150.066 by changing the saturation by 10% instead.


 65, 24.040,
150.066


 65, 24.040,
150.066

 100, 24.040,
150.066


 55, 24.040,
150.066


 85, 24.040,
150.066

 45, 24.040,
150.066

 95, 24.040,
150.066

 35, 24.040,
150.066

 25, 24.040,
150.066

 15, 24.040,
150.066

 5, 24.040, 150.066

 0, 24.040, 150.066

■ 65, 24.040,
150.066

■ 65, 24.040,
150.066

■ 64, 33.541,
149.120

■ 66, 14.420,
150.890

■ 63, 42.760,
148.030

■ 68, 4.808, 151.636

■ 62, 51.514,
146.781

■ 70, 4.693, 332.135

■ 61, 59.610,
145.364

■ 71, 14.011,
332.715

■ 61, 66.858,
143.790

■ 73, 23.095,
333.198

■ 60, 73.089,
142.093

■ 75, 31.914,
333.624


■ 60, 78.178,
140.349

■ 77, 40.452,
334.003

■ 60, 80.341,

■ 79, 47.727,
332.647

139.577

 80, 52.725,
327.753

Harmonies

Complementary

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



65, 24.040, 150.066



58, 24.185, 333.527

Rectangle

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



65, 24.040, 150.066



65, 24.040, 200.066



65, 24.040, 330.066



65, 24.040, 20.066

Sweetspot

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



65, 24.041, 150.066



85, 9.416, 151.405



67, 23.259, 117.681



45, 6.751, 151.298



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, 24.041, 150.066



81, 35.455, 149.563



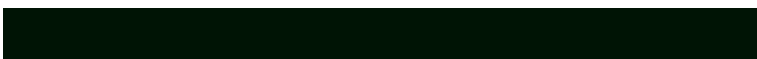
66, 16.618, 175.961



35, 5.425, 151.321



53, 72.940, 139.774



5, 10.112, 150.707

Inverse Universe

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



58, 24.185, 333.527



70, 35.680, 333.914



57, 18.023, 0.931



33, 5.446, 332.455



33, 64.312, 340.304



2, 9.401, 334.524

Previews

White Background



This preview shows how the CIELCh color 65, 24.040, 150.066 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 65, 24.040, 150.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

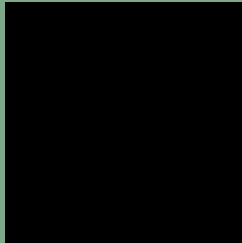
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.040, 150.066

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.040, 150.066.



This preview shows how white text looks on a background with the CIELCh color 65, 24.040, 150.066.

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, 24.040, 150.066

Protanopia
65, 15.376, 94.662

Deuteranopia
65, 13.268, 50.166



Tritanopia
65, 12.263, 235.019

Trichromacy



Original Color
65, 24.040, 150.066

Protanomaly
65, 16.513, 122.529

Deuteranomaly
65, 10.583, 102.510

Tritanomaly
65, 12.469, 190.616

Monochromacy



Original Color
65, 24.040, 150.066

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.900, 149.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.040, 150.066 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(126, 168, 136)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 168, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 168, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.040, 150.066 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(126, 168, 136) }
```

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

```
.border{ border-color:rgb(126, 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(126, 168, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 168, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 168, 136);  
box-shadow:4px 4px 4px 4px rgb(126, 168,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.040, 150.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 168, 136) }
```

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

```
.background{ background-color: rgb(126,  
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](#).

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