

Converting Colors

CIELCh(65, 15.802, 142.122)

Have a look what the booklet for
CIELCh(65, 15.802, 142.122)
contains.

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Color

CIELCh(65, 16.083, 142.507)

Conversions

Conversions Part 1

Format	Color
Hex	8DA48C
RGB	141, 164, 140
RGB Percent	55%, 64%, 55%
CMY	0.4475, 0.3573, 0.4515
CMYK	0.14, 0.00, 0.15, 0.36
HSL	118°, 12%, 60%
HSV	118°, 15%, 64%
XYZ	28.9406, 34.0472, 29.8096
YIQ	154.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

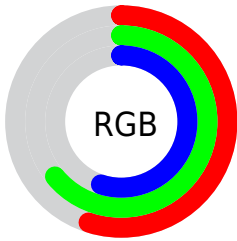
Format	Color
RYB	140, 164, 163
Decimal	9282700
CIELab	65.00, -12.76, 9.79
CIELCh	65, 16.083, 142.507
Yxy	34.0472, 0.3119, 0.3669
Android (android.graphics.Color)	4287472780 (0xFF8DA48C)
YUV	154.3870, -7.0928, -11.7404
Hunter-Lab	58.3500, -13.5793, 10.5551

Details

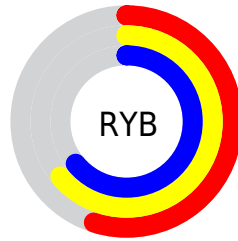
The CIELCh color $65, 16.083, 142.507$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 16.119, 324.062$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 15.859, 142.740$, and $45, 15.802, 142.122$ is the 20% darker color. If you saturate the color by 10%, you get $64, 27.132, 141.815$, and if you desaturate by 10%, it is $67, 5.066, 143.126$.

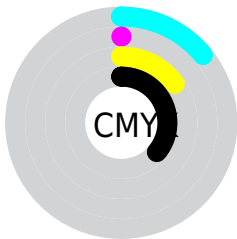
Distribution



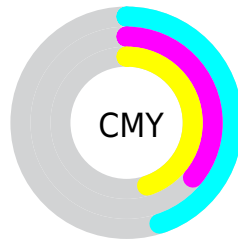
- Red (55%)
- Green (64%)
- Blue (55%)



- Red (55%)
- Yellow (64%)
- Blue (64%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (36%)





- Cyan (45%)
- Magenta (36%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.083, 142.507 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, 16.083, 142.507 by changing the saturation by 10% instead.


 65, 16.083,
142.507


 65, 16.083,
142.507


 100, 16.083,
142.507


 55, 16.083,
142.507


 85, 16.083,
142.507

 45, 16.083,
142.507

 95, 16.083,
142.507

 35, 16.083,
142.507

 25, 16.083,
142.507

 15, 16.083,
142.507

 5, 16.083, 142.507

 0, 16.083, 142.507

65, 16.083,
142.507

65, 16.083,
142.507

64, 27.132,
141.815

67, 5.066, 143.126

62, 38.047,
141.021

68, 5.806, 323.549

61, 48.612,
140.127

70, 16.450,
324.000

60, 58.550,
139.154

72, 26.815,
324.367

60, 67.515,
138.154

74, 36.871,
324.676

59, 75.094,
137.218

76, 46.604,
324.939


59, 80.846,
136.475

79, 56.014,
325.162

59, 84.444,

79, 56.813,
326.380

136.045

 59, 85.801,
135.817

Harmonies

Complementary

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



65, 16.083, 142.507



61, 16.119, 324.062

Rectangle

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



65, 16.083, 142.507



65, 16.083, 192.507



65, 16.083, 322.507



65, 16.083, 12.507

Sweetspot

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



65, 16.085, 142.507



85, 5.422, 143.163



66, 12.546, 106.657



45, 3.850, 143.116



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 16.085, 142.507



82, 24.619, 142.263



65, 11.759, 159.896



34, 6.173, 142.844



52, 78.542, 135.786



4, 9.586, 143.435

Inverse Universe

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



61, 16.119, 324.062



76, 24.673, 324.253



61, 11.930, 342.194



32, 6.187, 323.779



33, 76.176, 326.628



1, 9.535, 322.959

Previews

White Background



This preview shows how the CIELCh color 65, 16.083, 142.507 looks on a white background.

Color Contrast Check

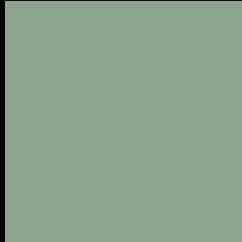
Large Text (above 18pt) WCAG AA × Fail

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, 16.083, 142.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

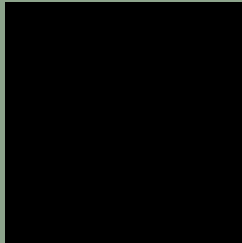
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 16.083, 142.507

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.083, 142.507.



This preview shows how white text looks on a background with the CIELCh color 65, 16.083, 142.507.

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, 16.083, 142.507

Protanopia
65, 12.057, 93.339

Deuteranopia
65, 11.926, 47.738



Tritanopia
65, 8.519, 257.488

Trichromacy



Original Color
65, 16.083, 142.507

Protanomaly
65, 12.808, 115.985

Deuteranomaly
65, 9.051, 85.809

Tritanomaly
65, 6.360, 193.881

Monochromacy



Original Color
65, 16.083, 142.507

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.119, 144.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.083, 142.507 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(141, 164, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 164, 140)  
}
```

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(141, 164, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 164, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.083, 142.507 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(141, 164, 140) }
```

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

```
.border{ border-color:rgb(141, 164, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 164, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 164,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.083, 142.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 164, 140) }
```

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

```
.background{ background-color: rgb(141,  
164, 140) }
```

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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