

Converting Colors

CIELCh(65, 14.048, 199.823)

Have a look what the booklet for
CIELCh(65, 14.048, 199.823)
contains.

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Color

CIELCh(65, 14.137, 200.490)

Conversions

Conversions Part 1

Format	Color
Hex	7DA5A6
RGB	125, 165, 166
RGB Percent	49%, 65%, 65%
CMY	0.5096, 0.3527, 0.3488
CMYK	0.25, 0.01, 0.00, 0.35
HSL	181°, 19%, 57%
HSV	181°, 25%, 65%
XYZ	28.8164, 34.0472, 41.1537
YIQ	153.1540, -24.1610, -8.1690

Conversions

Conversions Part 2

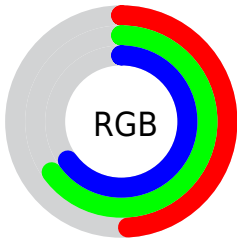
Format	Color
R_{YB}	125, 145, 166
Decimal	8234406
CIE _{Lab}	65.00, -13.24, -4.95
CIE _{LCh}	65, 14.137, 200.490
Yxy	34.0472, 0.2770, 0.3273
Android (android.graphics.Color)	4286424486 (0xFF7DA5A6)
YUV	153.1540, 6.3331, -24.6911
Hunter-Lab	58.3500, -13.9592, -0.9717

Details

The CIELCh color `65, 14.137, 200.490` is a light color, and the websafe version is hex `669999`. A complement of this color would be `57, 16.663, 23.120`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 13.981, 200.639`, and `45, 14.251, 200.248` is the 20% darker color. If you saturate the color by 10%, you get `64, 19.118, 200.158`, and if you desaturate by 10%, it is `66, 8.681, 200.888`.

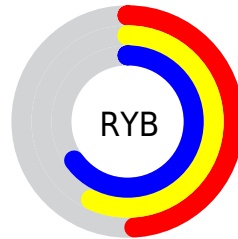
Distribution



Red (49%)

Green (65%)

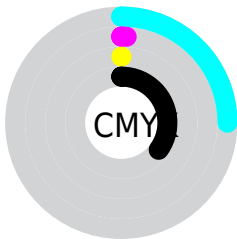
Blue (65%)



Red (49%)

Yellow (57%)

Blue (65%)

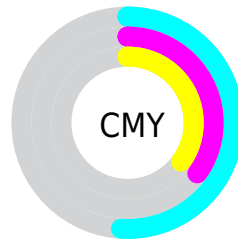


Cyan (25%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 14.137, 200.490 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, 14.137, 200.490 by changing the saturation by 10% instead.

 65, 14.137,
200.490


 65, 14.137,
200.490

 100, 14.137,
200.490


 55, 14.137,
200.490


 85, 14.137,
200.490

 45, 14.137,
200.490

 95, 14.137,
200.490

 35, 14.137,
200.490

 25, 14.137,
200.490

 15, 14.137,
200.490

 5, 14.137, 200.490

 0, 14.137, 200.490

65, 14.137,
200.490

65, 14.137,
200.490

64, 19.118,
200.158

66, 8.681, 200.888

63, 23.527,
199.908

67, 2.843, 201.436

69, 3.286, 21.594

62, 27.278,
199.744

70, 9.628, 22.199

62, 30.303,
199.674

72, 16.114, 22.750

74, 22.691, 23.306

61, 32.565,
199.705

76, 29.311, 23.867

61, 34.068,
199.843

77, 34.763, 24.390

77, 34.623, 24.724

61, 34.866,
200.086

60, 35.144,

Harmonies

Complementary

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



65, 14.137, 200.490



57, 16.663, 23.120

Rectangle

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



65, 14.137, 200.490



65, 14.137, 250.490



65, 14.137, 20.490



65, 14.137, 70.490

Sweetspot

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



65, 14.137, 200.485



85, 5.240, 201.268



64, 27.540, 143.267



46, 3.428, 201.235



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, 14.137, 200.485



82, 20.881, 200.284



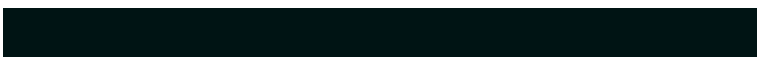
59, 13.665, 260.858



35, 3.430, 201.147



54, 32.290, 200.199



5, 6.351, 202.378

Inverse Universe

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



58, 27.411, 326.429



71, 41.304, 326.744



62, 14.490, 74.141



33, 6.324, 325.578



35, 75.565, 329.205



2, 11.404, 325.365

Previews

White Background



This preview shows how the CIELCh color 65, 14.137, 200.490 looks on a white background.

Color Contrast Check

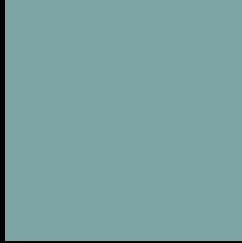
Large Text (above 18pt) WCAG AA × Fail

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, 14.137, 200.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

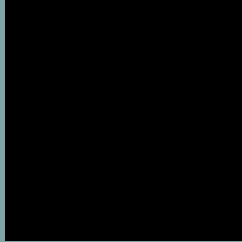
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 14.137, 200.490

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.137, 200.490.



This preview shows how white text looks on a background with the CIELCh color 65, 14.137, 200.490.

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
65, 14.379, 231.511

Trichromacy



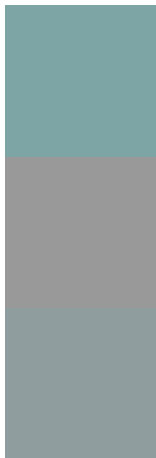
Original Color
65, 14.137, 200.490

Protanomaly
65, 4.932, 226.014

Deuteranomaly
65, 6.359, 273.994

Tritanomaly
65, 13.947, 219.541

Monochromacy



Original Color
65, 14.137, 200.490

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 5.244, 205.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.137, 200.490 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(125, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(125, 165, 166)  
}
```

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(125, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 165, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.137, 200.490 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(125, 165, 166) }
```

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

```
.border{ border-color:rgb(125, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(125, 165,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.137, 200.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 165, 166) }
```

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

```
.background{ background-color: rgb(125,  
165, 166) }
```

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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