

Converting Colors

CIELCh(65, 24.055, 186.493)

Have a look what the booklet for
CIELCh(65, 24.055, 186.493)
contains.

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Color

CIELCh(65, 24.166, 186.684)

Conversions

Conversions Part 1

Format	Color
Hex	64AAA2
RGB	100, 170, 162
RGB Percent	39%, 67%, 64%
CMY	0.6080, 0.3335, 0.3649
CMYK	0.41, 0.00, 0.05, 0.33
HSL	173°, 29%, 53%
HSV	173°, 41%, 67%
XYZ	26.1351, 34.0472, 39.3570
YIQ	148.1580, -39.1520, -17.3280

Conversions

Conversions Part 2

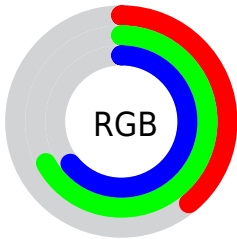
Format	Color
RYB	100, 137, 170
Decimal	6597282
CIELab	65.00, -24.00, -2.81
CIElCh	65, 24.166, 186.684
Yxy	34.0472, 0.2626, 0.3420
Android (android.graphics.Color)	4284787362 (0xFF64AAA2)
YUV	148.1580, 6.8241, -42.2346
Hunter-Lab	58.3500, -22.1618, 0.8540

Details

The CIELCh color **65, 24.166, 186.684** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 30.196, 14.824**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.419, 186.492**, and **45, 24.472, 185.390** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.809, 185.803**, and if you desaturate by 10%, it is **66, 18.937, 187.528**.

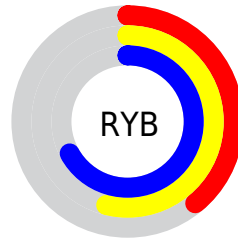
Distribution



Red (39%)

Green (67%)

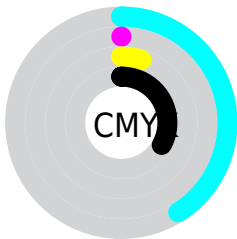
Blue (64%)



Red (39%)

Yellow (54%)

Blue (67%)

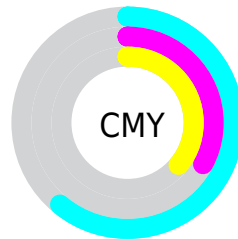


Cyan (41%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (61%)

Magenta (33%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 24.166, 186.684 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, 24.166, 186.684 by changing the saturation by 10% instead.

 65, 24.166,
186.684

 65, 24.166,
186.684

 100, 24.166,
186.684

 55, 24.166,
186.684

 85, 24.166,
186.684

 45, 24.166,
186.684

 95, 24.166,
186.684

 35, 24.166,
186.684

 25, 24.166,
186.684

 15, 24.166,
186.684

 5, 24.166, 186.684

 0, 24.166, 186.684

65, 24.166,
186.684

65, 24.166,
186.684

64, 28.809,
185.803

66, 18.937,
187.528

64, 32.776,
184.877

67, 13.225,
188.355

63, 36.002,
183.889

68, 7.136, 189.182

63, 38.461,
182.819

69, 0.767, 190.512

71, 5.791, 10.584

63, 40.178,
181.649

72, 12.463, 11.383

62, 41.253,
180.559

74, 19.188, 12.140

76, 25.918, 12.876

78, 32.615, 13.595

Harmonies

Complementary

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



65, 24.166, 186.684



50, 30.196, 14.824

Rectangle

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



65, 24.166, 186.684



65, 24.166, 236.684



65, 24.166, 6.684



65, 24.166, 56.684

Sweetspot

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



65, 24.166, 186.682



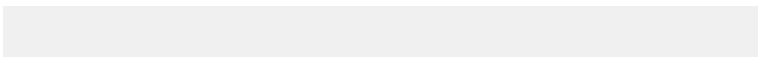
86, 9.488, 189.095



64, 45.313, 138.674



46, 6.329, 188.990



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 24.166, 186.682



82, 34.454, 185.919



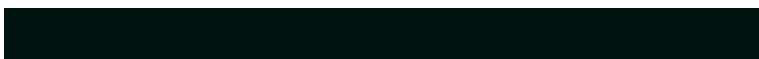
57, 20.261, 247.947



35, 3.593, 189.345



55, 37.192, 180.718



5, 6.756, 186.761

Inverse Universe

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



50, 30.196, 14.824



61, 45.391, 16.535



57, 24.840, 58.114



33, 3.760, 10.696



30, 64.859, 34.208



1, 6.651, 11.279

Previews

White Background



This preview shows how the CIE LCh color 65, 24.166, 186.684 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, 24.166, 186.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

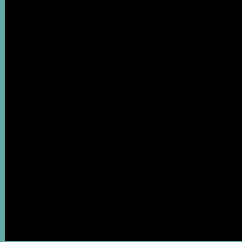
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

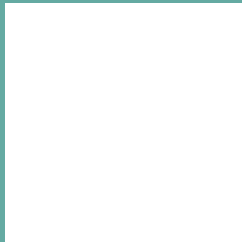
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 24.166, 186.684

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.166, 186.684.

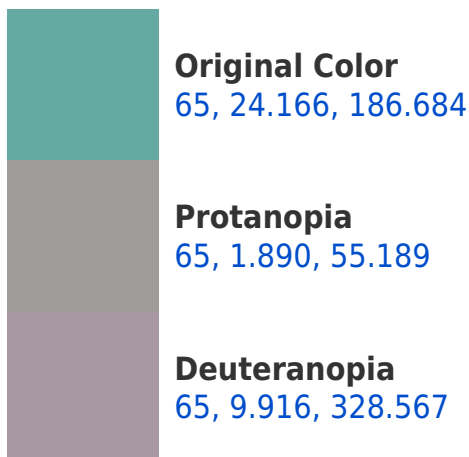


This preview shows how white text looks on a background with the CIELCh color 65, 24.166, 186.684.

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, 21.135, 219.685

Trichromacy



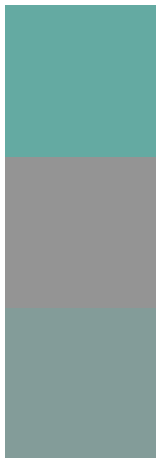
Original Color
65, 24.166, 186.684

Protanomaly
64, 8.873, 184.084

Deuteranomaly
64, 6.676, 229.126

Tritanomaly
65, 21.437, 206.716

Monochromacy



Original Color
65, 24.166, 186.684

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 9.461, 188.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.166, 186.684 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(100, 170, 162)` looks like.

```
.text, #text, p{  
    color:rgb(100, 170, 162)  
}
```

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(100, 170, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 170, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.166, 186.684 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(100, 170, 162) }
```

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

```
.border{ border-color:rgb(100, 170, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 170, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 170, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 170, 162);  
box-shadow:4px 4px 4px 4px rgb(100, 170,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.166, 186.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 170, 162) }
```

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

```
.background{ background-color: rgb(100,  
170, 162) }
```

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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