

Converting Colors

CIELCh(65, 24.798, 201.535)

Have a look what the booklet for
CIELCh(65, 24.798, 201.535)
contains.

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Color

CIELCh(65, 24.865, 201.259)

Conversions

Conversions Part 1

Format	Color
Hex	5CAAAD
RGB	92, 170, 173
RGB Percent	36%, 67%, 68%
CMY	0.6392, 0.3333, 0.3215
CMYK	0.47, 0.02, 0.00, 0.32
HSL	182°, 33%, 52%
HSV	182°, 47%, 68%
XYZ	26.3355, 34.0472, 44.7247
YIQ	147.0200, -47.4510, -15.6030

Conversions

Conversions Part 2

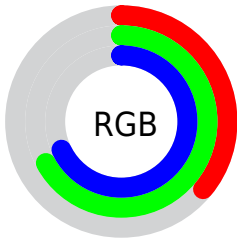
Format	Color
R_{YB}	92, 132, 173
Decimal	6073005
CIE _{Lab}	65.00, -23.17, -9.02
CIE _{LCh}	65, 24.865, 201.259
Yxy	34.0472, 0.2506, 0.3239
Android (android.graphics.Color)	4284263085 (0xFF5CAAAD)
YUV	147.0200, 12.8081, -48.2525
Hunter-Lab	58.3500, -21.5488, -4.6003

Details

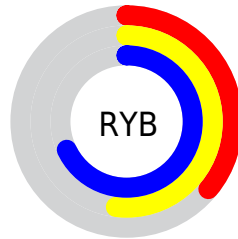
The CIELCh color **65, 24.865, 201.259** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 35.022, 26.809**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.157, 200.148**, and **45, 24.948, 200.934** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.521, 201.203**, and if you desaturate by 10%, it is **66, 20.513, 201.414**.

Distribution



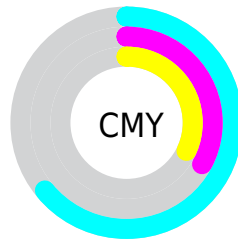
- Red (36%)
- Green (67%)
- Blue (68%)



- Red (36%)
- Yellow (52%)
- Blue (68%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)





- Cyan (64%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.865, 201.259 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, 24.865, 201.259 by changing the saturation by 10% instead.

 65, 24.865,
201.259


 65, 24.865,
201.259


 100, 24.865,
201.259


 55, 24.865,
201.259


 85, 24.865,
201.259

 45, 24.865,
201.259

 95, 24.865,
201.259

 35, 24.865,
201.259

 25, 24.865,
201.259

 15, 24.865,
201.259

 5, 24.865, 201.259

 0, 24.865, 201.259

65, 24.865,
201.259

65, 24.865,
201.259

64, 28.521,
201.203

66, 20.513,
201.414

63, 31.418,
201.263

67, 15.553,
201.662

63, 33.522,
201.450

68, 10.082,
201.995

63, 34.847,
201.771

70, 4.198, 202.440

71, 2.005, 22.499

62, 35.483,
202.224

73, 8.444, 23.153

62, 35.631,
202.378

75, 15.048, 23.671

76, 21.758, 24.193

78, 28.525, 24.723

Harmonies

Complementary

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



65, 24.865, 201.259



49, 35.022, 26.809

Rectangle

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



65, 24.865, 201.259



65, 24.865, 251.259



65, 24.865, 21.259



65, 24.865, 71.259

Sweetspot

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



65, 24.865, 201.257



87, 10.448, 202.095



64, 52.606, 141.623



46, 7.160, 202.013



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, 24.865, 201.257



81, 34.699, 201.203



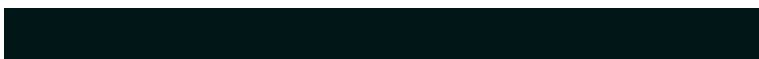
53, 27.016, 267.460



36, 3.472, 202.310



54, 32.165, 202.307



6, 7.395, 204.197

Inverse Universe

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



51, 52.252, 327.953



62, 75.351, 328.427



59, 30.002, 72.947



34, 6.427, 325.932



35, 75.768, 329.735



2, 13.352, 325.926

Previews

White Background



This preview shows how the CIELCh color 65, 24.865, 201.259 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, 24.865, 201.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

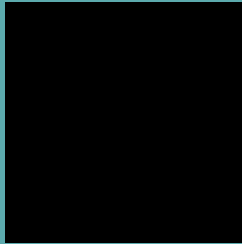
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

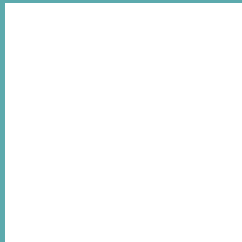
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 24.865, 201.259

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.865, 201.259.

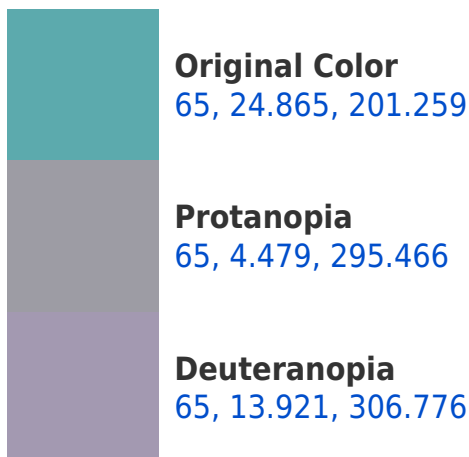


This preview shows how white text looks on a background with the CIELCh color 65, 24.865, 201.259.

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, 23.927, 215.367

Trichromacy



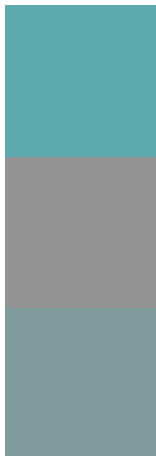
Original Color
65, 24.865, 201.259

Protanomaly
64, 10.472, 217.319

Deuteranomaly
64, 12.031, 251.164

Tritanomaly
65, 24.012, 211.065

Monochromacy



Original Color
65, 24.865, 201.259

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.218, 201.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.865, 201.259 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(92, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(92, 170, 173)  
}
```

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(92, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 170, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.865, 201.259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

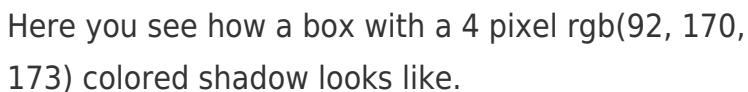
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 170, 173) }
```

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

```
.border{ border-color:rgb(92, 170, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(92, 170,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.865, 201.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 170, 173) }
```

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

```
.background{ background-color: rgb(92, 170,  
173) }
```

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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