

Converting Colors

CIELCh(65, 23.804, 207.573)

Have a look what the booklet for
CIELCh(65, 23.804, 207.573)
contains.

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Color

CIELCh(65, 23.737, 208.436)

Conversions

Conversions Part 1

Format	Color
Hex	5FA9B1
RGB	95, 169, 177
RGB Percent	37%, 66%, 69%
CMY	0.6269, 0.3367, 0.3053
CMYK	0.46, 0.05, 0.00, 0.31
HSL	186°, 34%, 53%
HSV	186°, 46%, 69%
XYZ	26.8968, 34.0472, 46.8209
YIQ	147.7860, -46.6720, -13.2000

Conversions

Conversions Part 2

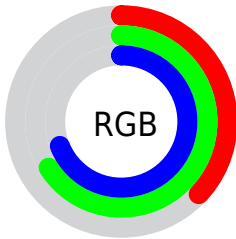
Format	Color
RYB	95, 134, 177
Decimal	6269361
CIELab	65.00, -20.87, -11.30
CIELCh	65, 23.737, 208.436
Yxy	34.0472, 0.2496, 0.3159
Android (android.graphics.Color)	4284459441 (0xFF5FA9B1)
YUV	147.7860, 14.4025, -46.2933
Hunter-Lab	58.3500, -19.8315, -6.7303

Details

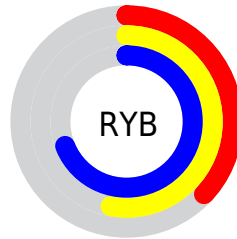
The CIELCh color **65, 23.737, 208.436** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 33.603, 31.119**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 23.732, 209.499**, and **45, 23.843, 207.159** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.280, 208.853**, and if you desaturate by 10%, it is **66, 19.520, 208.197**.

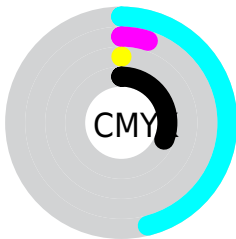
Distribution



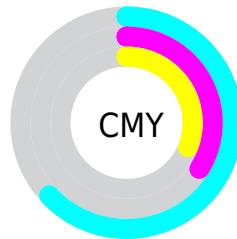
- Red (37%)
- Green (66%)
- Blue (69%)



- Red (37%)
- Yellow (53%)
- Blue (69%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)





- Cyan (63%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 23.737, 208.436 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, 23.737, 208.436 by changing the saturation by 10% instead.


 65, 23.737,
208.436


 65, 23.737,
208.436


 100, 23.737,
208.436


 55, 23.737,
208.436


 85, 23.737,
208.436

 45, 23.737,
208.436

 95, 23.737,
208.436

 35, 23.737,
208.436

 25, 23.737,
208.436

 15, 23.737,
208.436

 5, 23.737, 208.436

 0, 23.737, 208.436

65, 23.737,
208.436

65, 23.737,
208.436

64, 27.280,
208.853

66, 19.520,
208.197

63, 30.080,
209.489

68, 14.717,
208.115

62, 32.100,
210.380

69, 9.426, 208.164

61, 33.346,
211.560

71, 3.739, 208.373

73, 2.255, 28.215

60, 33.898,
213.053

75, 8.481, 28.643

60, 34.031,
213.642

77, 14.873, 28.974

79, 21.377, 29.323

81, 27.949, 29.689

Harmonies

Complementary

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



65, 23.737, 208.436



52, 33.603, 31.119

Rectangle

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



65, 23.737, 208.436



65, 23.737, 258.436



65, 23.737, 28.436



65, 23.737, 78.436

Sweetspot

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



65, 23.737, 208.434



88, 10.060, 208.190



66, 51.299, 143.029



46, 6.895, 208.163



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 23.737, 208.434



81, 33.365, 208.888



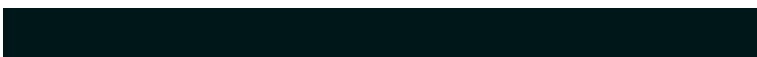
53, 29.049, 272.240



37, 3.363, 208.282



52, 30.574, 213.419



6, 8.020, 213.031

Inverse Universe

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



52, 50.611, 329.850



63, 73.677, 330.435



62, 30.962, 77.777



35, 6.314, 327.703



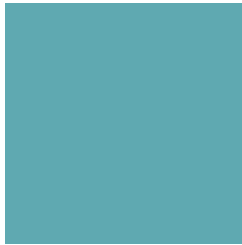
35, 73.193, 332.471



2, 14.712, 328.660

Previews

White Background



This preview shows how the CIELCh color 65, 23.737, 208.436 looks on a white background.

Color Contrast Check

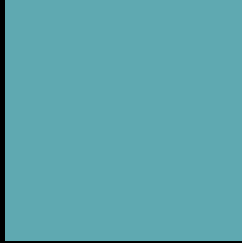
Large Text (above 18pt) WCAG AA × Fail

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, 23.737, 208.436 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, 23.737, 208.436

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.737, 208.436.

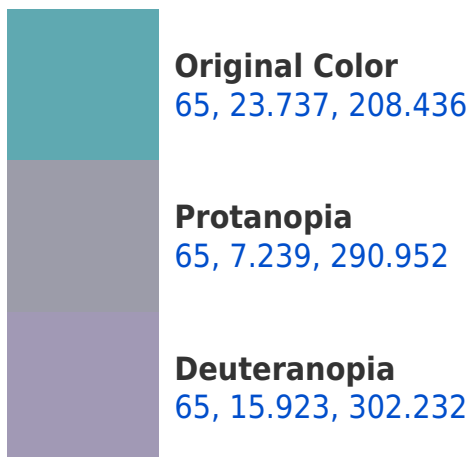


This preview shows how white text looks on a background with the CIELCh color 65, 23.737, 208.436.

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



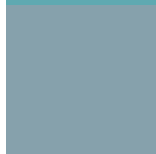


Tritanopia
65, 23.305, 217.397

Trichromacy



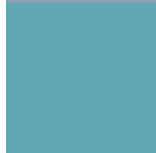
Original Color
65, 23.737, 208.436



Protanomaly
65, 11.178, 232.106



Deuteranomaly
64, 13.753, 257.628

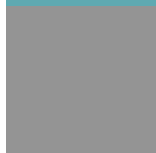


Tritanomaly
65, 23.387, 214.381

Monochromacy



Original Color
65, 23.737, 208.436



Achromatopsia
61, 0.008, 296.813



Achromatomaly
62, 9.903, 208.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.737, 208.436 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(95, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(95, 169, 177)  
}
```

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(95, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 169, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.737, 208.436 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(95, 169, 177) }
```

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

```
.border{ border-color:rgb(95, 169, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 169, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(95, 169,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.737, 208.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 169, 177) }
```

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

```
.background{ background-color: rgb(95, 169,  
177) }
```

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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