

Converting Colors

CIELCh(66, 24.862, 197.123)

Have a look what the booklet for
CIELCh(66, 24.862, 197.123)
contains.

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Color

CIELCh(66, 24.869, 197.373)

Conversions

Conversions Part 1

Format	Color
Hex	60ADAD
RGB	96, 173, 173
RGB Percent	38%, 68%, 68%
CMY	0.6241, 0.3221, 0.3221
CMYK	0.45, 0.00, 0.00, 0.32
HSL	180°, 32%, 53%
HSV	180°, 45%, 68%
XYZ	27.2546, 35.3238, 44.8459
YIQ	149.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

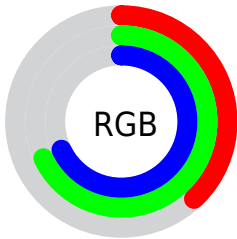
Format	Color
R_{YB}	96, 135, 173
Decimal	6335917
CIE _{Lab}	66.00, -23.73, -7.43
CIE _{LCh}	66, 24.869, 197.373
Yxy	35.3238, 0.2537, 0.3288
Android (android.graphics.Color)	4284525997 (0xFF60ADAD)
YUV	149.9770, 11.3503, -47.3378
Hunter-Lab	59.4338, -22.1544, -3.1336

Details

The CIELCh color **66, 24.869, 197.373** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 34.086, 23.969**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.077, 196.527**, and **46, 24.641, 198.205** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.863, 197.052**, and if you desaturate by 10%, it is **67, 20.184, 197.751**.

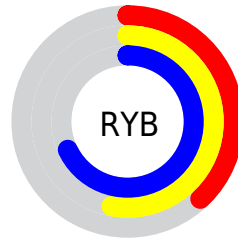
Distribution



Red (38%)

Green (68%)

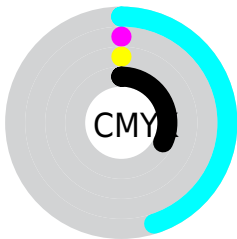
Blue (68%)



Red (38%)

Yellow (53%)

Blue (68%)

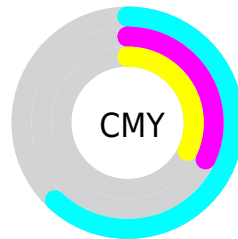


Cyan (45%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (62%)


Magenta (32%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 24.869, 197.373 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 66, 24.869, 197.373 by changing the saturation by 10% instead.


 66, 24.869,
197.373


 66, 24.869,
197.373


 100, 24.869,
197.373


 56, 24.869,
197.373


 86, 24.869,
197.373

 46, 24.869,
197.373

 96, 24.869,
197.373

 36, 24.869,
197.373

 26, 24.869,
197.373

 16, 24.869,
197.373

 6, 24.869, 197.373

 0, 24.869, 197.373

66, 24.869,
197.373

66, 24.869,
197.373

65, 28.863,
197.052

67, 20.184,
197.751

65, 32.096,
196.798

68, 14.897,
198.190

64, 34.535,
196.609

69, 9.108, 198.691

64, 36.185,
196.481

70, 2.918, 199.326

71, 3.576, 19.572

64, 37.109,
196.411

73, 10.289, 20.243

64, 37.446,
196.385

75, 17.148, 20.861

76, 24.093, 21.480

78, 31.076, 22.103

Harmonies

Complementary

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



66, 24.869, 197.373



50, 34.086, 23.969

Rectangle

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



66, 24.869, 197.373



66, 24.869, 247.373



66, 24.869, 17.373



66, 24.869, 67.373

Sweetspot

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



66, 24.869, 197.371



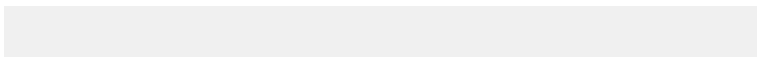
87, 10.101, 198.762



64, 51.031, 140.655



46, 7.017, 198.646



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 24.869, 197.371



83, 34.799, 197.070



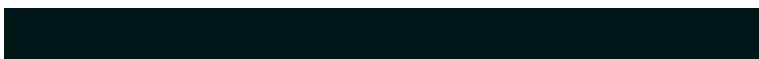
55, 24.234, 261.392



36, 3.603, 198.988



56, 33.808, 196.385



6, 7.801, 199.420

Inverse Universe

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



50, 34.086, 23.969



59, 51.495, 25.827



59, 27.888, 68.238



34, 3.818, 19.909



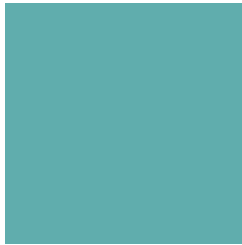
31, 69.982, 39.446



2, 7.802, 19.404

Previews

White Background



This preview shows how the CIELCh color 66, 24.869, 197.373 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 66, 24.869, 197.373 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

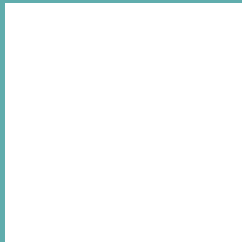
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 24.869, 197.373

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.869, 197.373.

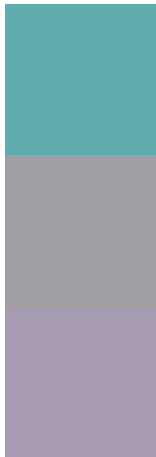


This preview shows how white text looks on a background with the CIELCh color 66, 24.869, 197.373.

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
66, 24.869, 197.373

Protanopia
66, 2.890, 305.622

Deuteranopia
66, 13.057, 311.166



Tritanopia
66, 23.551, 217.115

Trichromacy



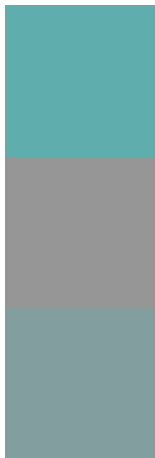
Original Color
66, 24.869, 197.373

Protanomaly
65, 9.839, 208.413

Deuteranomaly
65, 10.378, 247.764

Tritanomaly
66, 23.764, 209.800

Monochromacy



Original Color
66, 24.869, 197.373

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.221, 198.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.869, 197.373 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(96, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(96, 173, 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(96, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 173, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.869, 197.373 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(96, 173, 173) }
```

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

```
.border{ border-color:rgb(96, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(96, 173,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.869, 197.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 173, 173) }
```

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

```
.background{ background-color: rgb(96, 173,  
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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