

Converting Colors

CIELCh(51, 24.765, 184.525)

Have a look what the booklet for
CIELCh(51, 24.765, 184.525)
contains.

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Color

CIELCh(51, 24.665, 184.543)

Conversions

Conversions Part 1

Format	Color
Hex	3E857C
RGB	62, 133, 124
RGB Percent	24%, 52%, 49%
CMY	0.7567, 0.4783, 0.5136
CMYK	0.53, 0.00, 0.07, 0.48
HSL	172°, 36%, 38%
HSV	172°, 53%, 52%
XYZ	14.0234, 19.2686, 22.0628
YIQ	110.7450, -39.4270, -17.8510

Conversions

Conversions Part 2

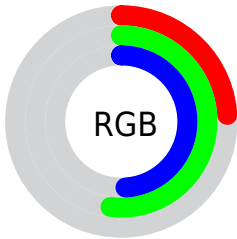
Format	Color
R_{YB}	62, 100, 133
Decimal	4097404
CIE _{Lab}	51.00, -24.59, -1.95
CIE _{LCh}	51, 24.665, 184.543
Yxy	19.2686, 0.2533, 0.3481
Android (android.graphics.Color)	4282287484 (0xFF3E857C)
YUV	110.7450, 6.5347, -42.7494
Hunter-Lab	43.8960, -19.7928, 0.9272




Details

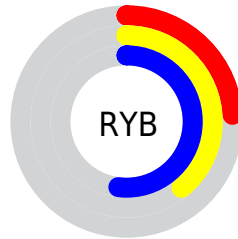
The CIELCh color **51, 24.665, 184.543** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36, 32.647, 16.121**, and the grayscale version is **47, 0.006, 296.813**.




A 20% lighter version of the original color is **71, 24.427, 184.465**, and **31, 24.042, 183.733** is the 20% darker color. If you saturate the color by 10%, you get **51, 27.913, 183.577**, and if you desaturate by 10%, it is **52, 20.874, 185.451**.

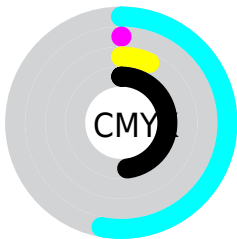
Distribution







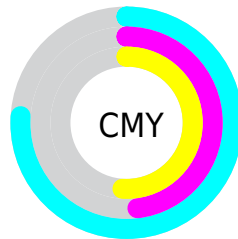
-  Red (24%)
-  Green (52%)
-  Blue (49%)






-  Red (24%)
-  Yellow (39%)
-  Blue (52%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (48%)





-  Cyan (76%)
-  Magenta (48%)
-  Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 24.665, 184.543 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 51, 24.665, 184.543 by changing the saturation by 10% instead.


 51, 24.665,
184.543


 51, 24.665,
184.543


 100, 24.665,
184.543


 41, 24.665,
184.543


 71, 24.665,
184.543

 31, 24.665,
184.543

 81, 24.665,
184.543

 21, 24.665,
184.543

 91, 24.665,
184.543

 11, 24.665,
184.543

 1, 24.665, 184.543

 0, 24.665, 184.543

■ 51, 24.665,
184.543

■ 51, 24.665,
184.543

■ 51, 27.913,
183.577

■ 52, 20.874,
185.451

■ 50, 30.568,
182.541

■ 52, 16.609,
186.320

■ 50, 32.610,
181.414

■ 53, 11.951,
187.161

■ 50, 34.064,
180.181

■ 54, 6.984, 187.991

■ 50, 34.884,
179.356

■ 55, 1.786, 188.942

■ 56, 3.571, 9.383

■ 58, 9.025, 10.205

■ 59, 14.528, 10.962

■ 60, 20.037, 11.696

Harmonies

Complementary

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



51, 24.665, 184.543



36, 32.647, 16.121

Rectangle

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



51, 24.665, 184.543



51, 24.665, 234.543



51, 24.665, 4.543



51, 24.665, 54.543

Sweetspot

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



51, 24.665, 184.541



69, 10.320, 187.742



50, 47.189, 137.399



35, 6.913, 187.600



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 24.665, 184.541



65, 34.622, 183.367



43, 20.610, 248.259



27, 2.961, 188.353



48, 34.304, 179.389



1, 0.721, 188.998

Inverse Universe

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



36, 32.647, 16.121



43, 49.100, 19.271



42, 27.386, 55.567



26, 3.089, 9.672



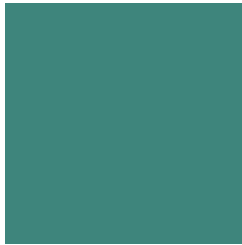
26, 58.213, 32.819



0, 0.721, 8.982

Previews

White Background



This preview shows how the CIELCh color 51, 24.665, 184.543 looks on a white background.

Color Contrast Check

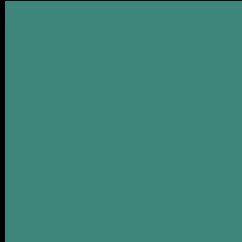
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 24.665, 184.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

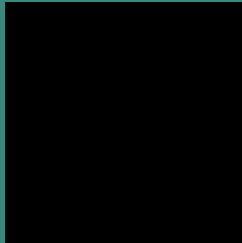
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 24.665, 184.543

Background



This preview shows how black text looks on a background with the CIELCh color 51, 24.665, 184.543.

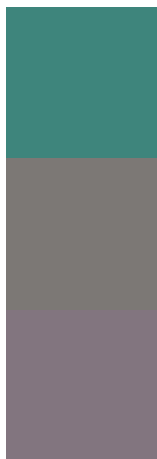


This preview shows how white text looks on a background with the CIELCh color 51, 24.665, 184.543.

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
51, 24.665, 184.543

Protanopia
51, 2.375, 66.599

Deuteranopia
51, 7.836, 332.212



Tritanopia
51, 20.878, 213.876

Trichromacy



Original Color
51, 24.665, 184.543

Protanomaly
50, 9.786, 180.971

Deuteranomaly
50, 7.047, 213.214

Tritanomaly
51, 21.644, 201.967

Monochromacy



Original Color
51, 24.665, 184.543

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 10.194, 188.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 24.665, 184.543 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(62, 133, 124)` looks like.

```
.text, #text, p{  
    color:rgb(62, 133, 124)  
}
```

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(62, 133, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 133, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 24.665, 184.543 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(62, 133, 124) }
```

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

```
.border{ border-color:rgb(62, 133, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 133, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 133, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 133, 124);  
box-shadow:4px 4px 4px 4px rgb(62, 133,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 24.665, 184.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 133, 124) }
```

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

```
.background{ background-color: rgb(62, 133,  
124) }
```

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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