

Converting Colors

CIELCh(52, 23.134, 197.143)

Have a look what the booklet for
CIELCh(52, 23.134, 197.143)
contains.

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Color

CIELCh(52, 23.134, 197.143)

Conversions

Conversions Part 1

Format	Color
Hex	408787
RGB	64, 135, 135
RGB Percent	25%, 53%, 53%
CMY	0.7493, 0.4708, 0.4708
CMYK	0.53, 0.00, 0.00, 0.47
HSL	180°, 36%, 39%
HSV	180°, 53%, 53%
XYZ	15.1329, 20.1443, 25.9877
YIQ	113.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

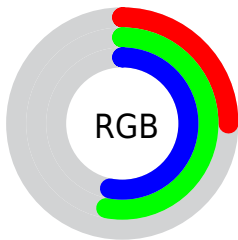
Format	Color
R _{YB}	64, 100, 135
Decimal	4228999
CIE Lab	52.00, -22.11, -6.82
CIE LCh	52, 23.134, 197.143
Yxy	20.1443, 0.2470, 0.3288
Android (android.graphics.Color)	4282419079 (0xFF408787)
YUV	113.7710, 10.4659, -43.6492
Hunter-Lab	44.8824, -18.3597, -2.9123

Details

The CIELCh color **52, 23.134, 197.143** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36, 33.564, 25.309**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 23.364, 196.262**, and **32, 22.528, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **52, 25.973, 196.872**, and if you desaturate by 10%, it is **53, 19.701, 197.471**.

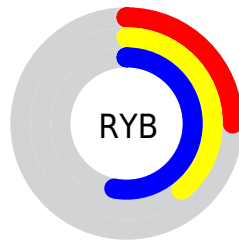
Distribution



Red (25%)

Green (53%)

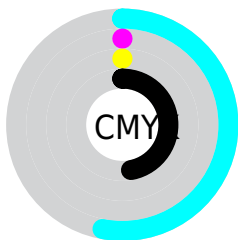
Blue (53%)



Red (25%)

Yellow (39%)

Blue (53%)

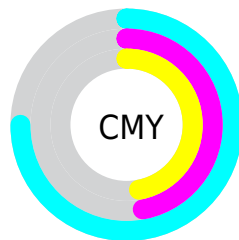


Cyan (53%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (75%)


Magenta (47%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 23.134, 197.143 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 52, 23.134, 197.143 by changing the saturation by 10% instead.


 52, 23.134,
197.143


 52, 23.134,
197.143


 100, 23.134,
197.143


 42, 23.134,
197.143


 72, 23.134,
197.143

 32, 23.134,
197.143

 82, 23.134,
197.143

 22, 23.134,
197.143

 92, 23.134,
197.143

 12, 23.134,
197.143

 2, 23.134, 197.143

 0, 23.134, 197.143

■ 52, 23.134,
197.143

■ 52, 23.134,
197.143

■ 52, 25.973,
196.872

■ 53, 19.701,
197.471

■ 51, 28.182,
196.666

■ 53, 15.733,
197.859

■ 51, 29.754,
196.520

■ 54, 11.304,
198.304

■ 51, 30.721,
196.431

■ 55, 6.493, 198.810

■ 51, 31.232,
196.384

■ 56, 1.379, 199.563

■ 57, 3.964, 19.707

■ 58, 9.471, 20.340

■ 60, 15.087, 20.945

■ 61, 20.766, 21.552

Harmonies

Complementary

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



52, 23.134, 197.143



36, 33.564, 25.309

Rectangle

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



52, 23.134, 197.143



52, 23.134, 247.143



52, 23.134, 17.143



52, 23.134, 67.143

Sweetspot

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



52, 23.134, 197.141



70, 10.121, 198.612



50, 48.704, 139.939



37, 6.852, 198.522



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 23.134, 197.141



66, 32.091, 196.831



41, 23.206, 263.254



28, 2.886, 199.011



49, 30.410, 196.384



1, 0.707, 199.421

Inverse Universe

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



36, 33.564, 25.309



43, 51.235, 28.109



45, 27.356, 67.390



26, 3.050, 19.878



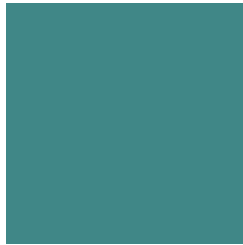
26, 62.118, 38.507



0, 0.707, 19.404

Previews

White Background



This preview shows how the CIE LCh color 52, 23.134, 197.143 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 52, 23.134, 197.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

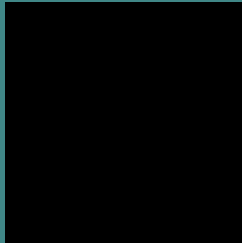
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 23.134, 197.143

Background



This preview shows how black text looks on a background with the CIELCh color 52, 23.134, 197.143.



This preview shows how white text looks on a background with the CIELCh color 52, 23.134, 197.143.

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


52, 23.134, 197.143

Protanopia

52, 2.368, 300.088

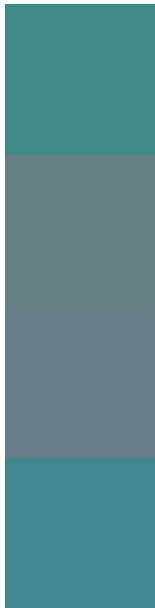
Deuteranopia

52, 10.969, 307.709



Tritanopia
52, 21.640, 214.838

Trichromacy



Original Color
52, 23.134, 197.143

Protanomaly
51, 9.462, 209.186

Deuteranomaly
51, 9.972, 243.579

Tritanomaly
52, 21.999, 208.110

Monochromacy



Original Color
52, 23.134, 197.143

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 9.853, 198.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 23.134, 197.143 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(64, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(64, 135, 135)  
}
```

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(64, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 135, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 23.134, 197.143 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(64, 135, 135) }
```

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

```
.border{ border-color:rgb(64, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(64, 135, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(64, 135, 135); box-shadow:4px 4px 4px 4px rgb(64, 135, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 23.134, 197.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 135, 135) }
```

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

```
.background{ background-color: rgb(64, 135,  
135) }
```

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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