

Converting Colors

CIELCh(43, 23.545, 203.559)

Have a look what the booklet for
CIELCh(43, 23.545, 203.559)
contains.

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Color

CIELCh(43, 23.604, 202.761)

Conversions

Conversions Part 1

Format	Color
Hex	217074
RGB	33, 112, 116
RGB Percent	13%, 44%, 45%
CMY	0.8709, 0.5610, 0.5453
CMYK	0.72, 0.03, 0.00, 0.55
HSL	183°, 56%, 29%
HSV	183°, 72%, 45%
XYZ	9.5619, 13.1578, 18.5417
YIQ	88.8350, -48.3680, -15.5040

Conversions

Conversions Part 2

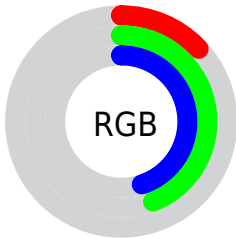
Format	Color
R_{YB}	33, 73, 116
Decimal	2191476
CIE _{Lab}	43.00, -21.77, -9.13
CIE _{LCh}	43, 23.604, 202.761
Yxy	13.1578, 0.2317, 0.3189
Android (android.graphics.Color)	4280381556 (0xFF217074)
YUV	88.8350, 13.3923, -48.9673
Hunter-Lab	36.2736, -16.4252, -4.9153




Details

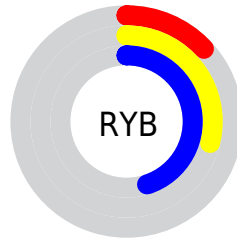
The CIELCh color **43, 23.604, 202.761** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27, 40.633, 32.124**, and the grayscale version is **38, 0.005, 296.813**.




A 20% lighter version of the original color is **63, 23.546, 202.951**, and **24, 18.078, 205.125** is the 20% darker color. If you saturate the color by 10%, you get **43, 24.975, 203.087**, and if you desaturate by 10%, it is **44, 21.682, 202.572**.

Distribution







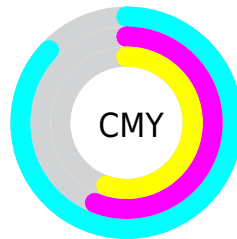
-  Red (13%)
-  Green (44%)
-  Blue (45%)






-  Red (13%)
-  Yellow (29%)
-  Blue (45%)



-  Cyan (72%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (55%)





-  Cyan (87%)
-  Magenta (56%)
-  Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.604, 202.761 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 43, 23.604, 202.761 by changing the saturation by 10% instead.


 43, 23.604,
202.761


 43, 23.604,
202.761


 100, 23.604,
202.761


 33, 23.604,
202.761

 63, 23.604,
202.761


 23, 23.604,
202.761

 73, 23.604,
202.761

 13, 23.604,
202.761

 83, 23.604,
202.761

 3, 23.604, 202.761

 93, 23.604,
202.761

 0, 23.604, 202.761

 43, 23.604,

 43, 23.604,

202.761

■ 43, 24.975,
203.087

■ 42, 25.813,
203.564

■ 42, 26.320,
204.015

202.761

■ 44, 21.682,
202.572

■ 44, 19.227,
202.512

■ 45, 16.276,
202.564

■ 46, 12.885,
202.715

■ 47, 9.116, 202.954

■ 48, 5.037, 203.282

■ 49, 0.710, 204.084

■ 50, 3.806, 23.856

■ 51, 8.461, 24.338

Harmonies

Complementary

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



43, 23.604, 202.761



27, 40.633, 32.124

Rectangle

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



43, 23.604, 202.761



43, 23.604, 252.761



43, 23.604, 22.761



43, 23.604, 72.761

Sweetspot

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



43, 23.604, 202.760



60, 10.975, 202.955



43, 54.902, 139.046



31, 7.435, 202.897



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 23.604, 202.760



54, 30.887, 203.384



30, 29.525, 274.355



24, 2.483, 203.387



44, 27.352, 204.062



86, 46.229, 204.519

Inverse Universe

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



29, 53.256, 329.294



36, 71.995, 329.842



36, 34.151, 69.849



23, 4.604, 326.213



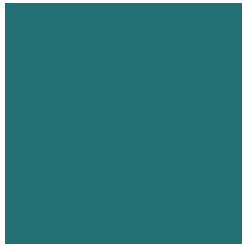
28, 64.727, 330.172



58, 109.516, 330.285

Previews

White Background



This preview shows how the CIELCh color 43, 23.604, 202.761 looks on a white 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

Black Background



This preview shows how the CIELCh color 43, 23.604, 202.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

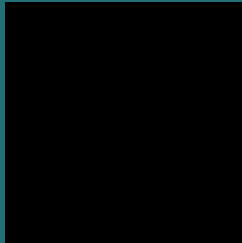
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 23.604, 202.761

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.604, 202.761.



This preview shows how white text looks on a background with the CIELCh color 43, 23.604, 202.761.

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

43, 23.604, 202.761

Protanopia

43, 5.449, 295.192

Deuteranopia

43, 12.140, 297.379



Tritanopia
43, 22.707, 211.009

Trichromacy



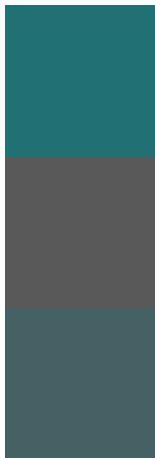
Original Color
43, 23.604, 202.761

Protanomaly
42, 11.268, 223.883

Deuteranomaly
42, 12.641, 240.752

Tritanomaly
43, 22.875, 209.296

Monochromacy



Original Color
43, 23.604, 202.761

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 10.733, 204.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 23.604, 202.761 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(33, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(33, 112, 116)  
}
```

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(33, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 112, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.604, 202.761 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(33, 112, 116) }
```

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

```
.border{ border-color:rgb(33, 112, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 112, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(33, 112,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.604, 202.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 112, 116) }
```

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

```
.background{ background-color: rgb(33, 112,  
116) }
```

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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