

Converting Colors

CIELCh(43, 25.032, 206.579)

Have a look what the booklet for
CIELCh(43, 25.032, 206.579)
contains.

CIELCh(43, 24.952, 206.602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 24.952, 206.602)

Conversions

Conversions Part 1

Format	Color
Hex	167077
RGB	22, 112, 119
RGB Percent	9%, 44%, 47%
CMY	0.9155, 0.5596, 0.5322
CMYK	0.82, 0.06, 0.00, 0.53
HSL	184°, 69%, 28%
HSV	184°, 82%, 47%
XYZ	9.4949, 13.1578, 19.5849
YIQ	85.8880, -55.8870, -16.9030

Conversions

Conversions Part 2

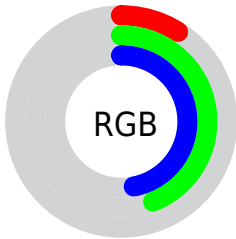
Format	Color
R_{YB}	22, 69, 119
Decimal	1470583
CIE _{Lab}	43.00, -22.31, -11.17
CIE _{LCh}	43, 24.952, 206.602
Yxy	13.1578, 0.2248, 0.3115
Android (android.graphics.Color)	4279660663 (0xFF167077)
YUV	85.8880, 16.3242, -56.0298
Hunter-Lab	36.2736, -16.7550, -6.6204

Details

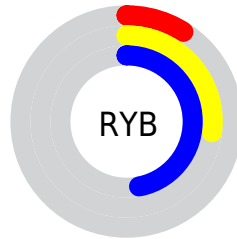
The CIELCh color **43, 24.952, 206.602** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26, 47.727, 35.867**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 24.889, 206.524**, and **24, 17.927, 211.922** is the 20% darker color. If you saturate the color by 10%, you get **43, 25.734, 207.421**, and if you desaturate by 10%, it is **44, 23.627, 205.990**.

Distribution



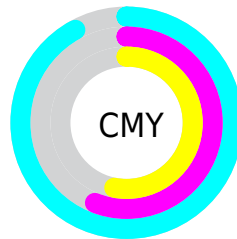
- Red (9%)
- Green (44%)
- Blue (47%)



- Red (9%)
- Yellow (27%)
- Blue (47%)



- Cyan (82%)
- Magenta (6%)
- Yellow (0%)
- Black (53%)



- Cyan (92%)
- Magenta (56%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 24.952, 206.602 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, 24.952, 206.602 by changing the saturation by 10% instead.

 43, 24.952,
206.602

 43, 24.952,
206.602


 100, 24.952,
206.602


 33, 24.952,
206.602

 63, 24.952,
206.602


 23, 24.952,
206.602

 73, 24.952,
206.602

 13, 24.952,
206.602

 83, 24.952,
206.602

 3, 24.952, 206.602

 93, 24.952,
206.602

 0, 24.952, 206.602

 43, 24.952,

 43, 24.952,

206.602

■ 43, 25.734,
207.421

■ 42, 26.180,
208.149

206.602

■ 44, 23.627,
205.990

■ 44, 21.745,
205.568

■ 45, 19.320,
205.313

■ 46, 16.392,
205.203

■ 47, 13.017,
205.218

■ 48, 9.261, 205.341

■ 49, 5.188, 205.568

■ 50, 0.864, 206.198

■ 51, 3.654, 25.968

Harmonies

Complementary

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



43, 24.952, 206.602



26, 47.727, 35.867

Rectangle

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



43, 24.952, 206.602



43, 24.952, 256.602



43, 24.952, 26.602



43, 24.952, 76.602

Sweetspot

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



43, 24.952, 206.601



61, 12.953, 205.284



44, 60.540, 138.559



31, 8.818, 205.249



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 24.952, 206.601



55, 31.592, 208.269



27, 36.534, 281.371



24, 2.430, 205.661



43, 26.662, 208.184



84, 45.025, 208.905

Inverse Universe

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



29, 58.034, 330.538



36, 75.232, 331.192



37, 40.145, 71.217



23, 4.530, 326.890



28, 63.587, 331.188



58, 107.481, 331.366

Previews

White Background



This preview shows how the CIELCh color 43, 24.952, 206.602 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, 24.952, 206.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

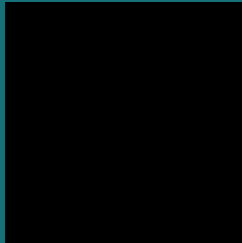
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 24.952, 206.602

Background



This preview shows how black text looks on a background with the CIELCh color 43, 24.952, 206.602.



This preview shows how white text looks on a background with the CIELCh color 43, 24.952, 206.602.

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, 24.846, 206.655

Protanopia

43, 7.236, 291.234

Deuteranopia

43, 13.886, 293.737



Tritanopia
43, 24.550, 209.754

Trichromacy



Original Color
43, 24.846, 206.655

Protanomaly
42, 13.327, 228.368

Deuteranomaly
42, 15.064, 241.710

Tritanomaly
43, 24.691, 208.195

Monochromacy



Original Color
43, 24.846, 206.655

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 12.404, 203.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 24.952, 206.602 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(22, 112, 119)` looks like.

```
.text, #text, p{  
    color:rgb(22, 112, 119)  
}
```

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(22, 112, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 112, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 24.952, 206.602 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(22, 112, 119) }
```

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

```
.border{ border-color:rgb(22, 112, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 112, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 112, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 112, 119);  
box-shadow:4px 4px 4px 4px rgb(22, 112,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 24.952, 206.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 112, 119) }
```

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

```
.background{ background-color: rgb(22, 112,  
119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor