

Converting Colors

CIELCh(43, 22.921, 210.064)

Have a look what the booklet for
CIELCh(43, 22.921, 210.064)
contains.

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Color

CIELCh(43, 22.867, 210.895)

Conversions

Conversions Part 1

Format	Color
Hex	236F78
RGB	35, 111, 120
RGB Percent	14%, 44%, 47%
CMY	0.8613, 0.5636, 0.5283
CMYK	0.71, 0.07, 0.00, 0.53
HSL	186°, 55%, 31%
HSV	186°, 71%, 47%
XYZ	9.8288, 13.1578, 19.8821
YIQ	89.3020, -48.1850, -13.3130

Conversions

Conversions Part 2

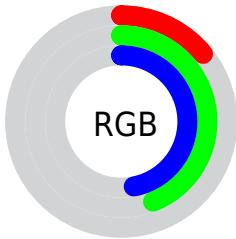
Format	Color
RYB	35, 75, 120
Decimal	2322296
CIELab	43.00, -19.62, -11.74
CIELCh	43, 22.867, 210.895
Yxy	13.1578, 0.2293, 0.3069
Android (android.graphics.Color)	4280512376 (0xFF236F78)
YUV	89.3020, 15.1341, -47.6229
Hunter-Lab	36.2736, -15.1120, -7.1062




Details

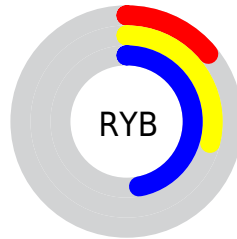
The CIELCh color **43, 22.867, 210.895** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 39.831, 35.085**, and the grayscale version is **38, 0.005, 296.813**.




A 20% lighter version of the original color is **63, 22.991, 210.342**, and **24, 17.773, 216.749** is the 20% darker color. If you saturate the color by 10%, you get **42, 24.230, 211.911**, and if you desaturate by 10%, it is **44, 20.955, 210.140**.

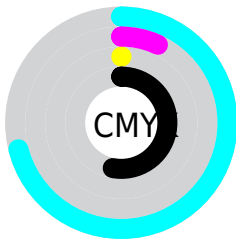
Distribution







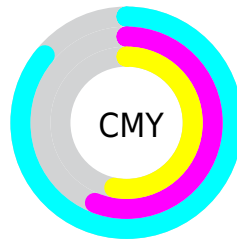
-  Red (14%)
-  Green (44%)
-  Blue (47%)






-  Red (14%)
-  Yellow (29%)
-  Blue (47%)



-  Cyan (71%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (53%)





-  Cyan (86%)
-  Magenta (56%)
-  Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 22.867, 210.895 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, 22.867, 210.895 by changing the saturation by 10% instead.


 43, 22.867,
210.895


 43, 22.867,
210.895


 100, 22.867,
210.895


 33, 22.867,
210.895

 63, 22.867,
210.895


 23, 22.867,
210.895

 73, 22.867,
210.895

 13, 22.867,
210.895

 83, 22.867,
210.895

 3, 22.867, 210.895

 93, 22.867,
210.895

 0, 22.867, 210.895

 43, 22.867,

 43, 22.867,

210.895

■ 42, 24.230,
211.911

■ 42, 25.058,
213.228

■ 41, 25.564,
214.625

210.895

■ 44, 20.955,
210.140

■ 45, 18.516,
209.613

■ 46, 15.592,
209.277

■ 47, 12.240,
209.101

■ 48, 8.525, 209.062

■ 49, 4.510, 209.153

■ 50, 0.257, 210.690

■ 52, 4.179, 29.309

■ 53, 8.752, 29.605

Harmonies

Complementary

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



43, 22.867, 210.895



29, 39.831, 35.085

Rectangle

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



43, 22.867, 210.895



43, 22.867, 260.895



43, 22.867, 30.895



43, 22.867, 80.895

Sweetspot

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



43, 22.867, 210.894



61, 10.700, 209.060



44, 53.736, 140.769



31, 7.247, 209.060



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, 22.867, 210.894



54, 29.914, 212.727



29, 33.284, 280.268



25, 2.443, 209.182



43, 26.264, 214.706



83, 44.040, 215.825

Inverse Universe

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



30, 52.214, 331.338



37, 70.566, 332.149



39, 35.280, 76.073



24, 4.584, 327.930



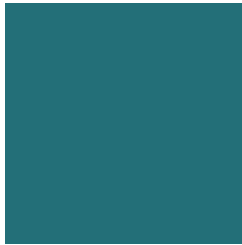
28, 62.866, 332.787



58, 105.372, 333.062

Previews

White Background



This preview shows how the CIELCh color 43, 22.867, 210.895 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, 22.867, 210.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

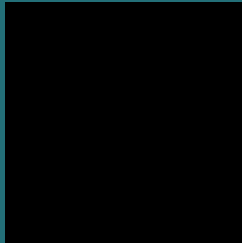
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 22.867, 210.895

Background



This preview shows how black text looks on a background with the CIELCh color 43, 22.867, 210.895.



This preview shows how white text looks on a background with the CIELCh color 43, 22.867, 210.895.

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, 22.867, 210.895

Protanopia
43, 7.841, 288.452

Deuteranopia
43, 14.488, 293.749



Tritanopia
43, 22.867, 210.895

Trichromacy



Original Color
43, 22.867, 210.895

Protanomaly
42, 12.251, 234.932

Deuteranomaly
42, 14.400, 251.934

Tritanomaly
43, 22.867, 210.895

Monochromacy



Original Color
43, 22.867, 210.895

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 10.740, 208.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 22.867, 210.895 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(35, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(35, 111, 120)  
}
```

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(35, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 111, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 22.867, 210.895 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(35, 111, 120) }
```

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

```
.border{ border-color:rgb(35, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(35, 111,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 22.867, 210.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 111, 120) }
```

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

```
.background{ background-color: rgb(35, 111,  
120) }
```

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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