

Converting Colors

CIELCh(43, 22.005, 152.383)

Have a look what the booklet for
CIELCh(43, 22.005, 152.383)
contains.

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Color

CIELCh(43, 22.090, 152.203)

Conversions

Conversions Part 1

Format	Color
Hex	486E54
RGB	72, 110, 84
RGB Percent	28%, 43%, 33%
CMY	0.7178, 0.5688, 0.6707
CMYK	0.35, 0.00, 0.24, 0.57
HSL	139°, 21%, 36%
HSV	139°, 35%, 43%
XYZ	9.8390, 13.1578, 10.4000
YIQ	95.6740, -14.3020, -16.1420

Conversions

Conversions Part 2

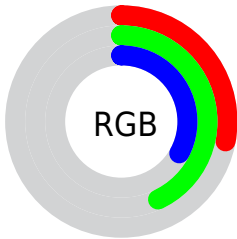
Format	Color
R_{YB}	72, 101, 110
Decimal	4746836
CIE _{Lab}	43.00, -19.54, 10.30
CIE _{LCh}	43, 22.090, 152.203
Yxy	13.1578, 0.2946, 0.3940
Android (android.graphics.Color)	4282936916 (0xFF486E54)
YUV	95.6740, -5.7553, -20.7621
Hunter-Lab	36.2736, -15.0616, 8.3926

Details

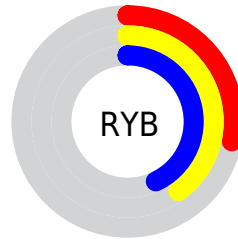
The CIELCh color **43, 22.090, 152.203** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 22.370, 337.367**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 22.002, 152.411**, and **23, 22.090, 152.430** is the 20% darker color. If you saturate the color by 10%, you get **42, 28.272, 151.148**, and if you desaturate by 10%, it is **44, 15.743, 153.128**.

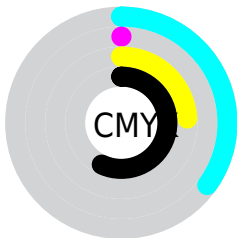
Distribution



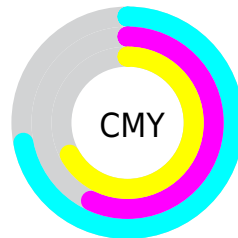
- Red (28%)
- Green (43%)
- Blue (33%)



- Red (28%)
- Yellow (40%)
- Blue (43%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (57%)




- Cyan (72%)
- Magenta (57%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 22.090, 152.203 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, 22.090, 152.203 by changing the saturation by 10% instead.


 43, 22.090,
152.203


 43, 22.090,
152.203


 100, 22.090,
152.203


 33, 22.090,
152.203

 63, 22.090,
152.203


 23, 22.090,
152.203

 73, 22.090,
152.203

 13, 22.090,
152.203

 83, 22.090,
152.203

 3, 22.090, 152.203

 93, 22.090,
152.203

 0, 22.090, 152.203

 43, 22.090,

 43, 22.090,

152.203

■ 42, 28.272,
151.148

■ 42, 34.183,
149.945

■ 41, 39.714,
148.579

■ 41, 44.762,
147.043

■ 40, 49.240,
145.344

■ 40, 53.121,
143.548

■ 40, 55.095,
142.682

152.203

■ 44, 15.743,
153.128

■ 45, 9.321, 153.946

■ 46, 2.902, 154.711

■ 47, 3.452, 335.201

■ 48, 9.697, 335.805

■ 50, 15.800,
336.319

■ 51, 21.740,
336.779

■ 53, 27.506,
337.196

■ 54, 33.092,
337.576

Harmonies

Complementary

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



43, 22.090, 152.203



36, 22.370, 337.367

Rectangle

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



43, 22.090, 152.203



43, 22.090, 202.203



43, 22.090, 332.203



43, 22.090, 22.203

Sweetspot

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



43, 22.091, 152.203



58, 7.920, 154.272



45, 22.853, 119.906



29, 5.368, 154.194



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 22.091, 152.203



55, 32.308, 151.421



43, 15.302, 180.189



23, 3.652, 154.366



44, 58.867, 142.470



86, 103.383, 141.248

Inverse Universe

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



36, 22.370, 337.367



44, 32.730, 337.983



35, 17.550, 6.994



22, 3.672, 335.483



26, 52.677, 345.194



55, 89.007, 346.504

Previews

White Background



This preview shows how the CIELCh color 43, 22.090, 152.203 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, 22.090, 152.203 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, 22.090, 152.203

Background



This preview shows how black text looks on a background with the CIELCh color 43, 22.090, 152.203.



This preview shows how white text looks on a background with the CIELCh color 43, 22.090, 152.203.

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, 22.090, 152.203

Protanopia

43, 12.947, 94.271

Deuteranopia

43, 10.411, 55.180



Tritanopia
43, 11.251, 223.841

Trichromacy



Original Color
43, 22.090, 152.203

Protanomaly
43, 14.290, 124.134

Deuteranomaly
43, 9.620, 113.943

Tritanomaly
43, 12.248, 186.557

Monochromacy



Original Color
43, 22.090, 152.203

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 8.022, 155.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 22.090, 152.203 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(72, 110, 84)` looks like.

```
.text, #text, p{  
    color:rgb(72, 110, 84)  
}
```

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(72, 110, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 110, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 22.090, 152.203 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(72, 110, 84) }
```

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

```
.border{ border-color:rgb(72, 110, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 110, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 110, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 110, 84);  
box-shadow:4px 4px 4px 4px rgb(72, 110,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 22.090, 152.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 110, 84) }
```

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

```
.background{ background-color: rgb(72, 110,  
84) }
```

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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