

Converting Colors

CIELCh(43, 21.004, 337.630)

Have a look what the booklet for
CIELCh(43, 21.004, 337.630)
contains.

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Color

CIELCh(43, 21.125, 337.354)

Conversions

Conversions Part 1

Format	Color
Hex	7F5A73
RGB	127, 90, 115
RGB Percent	50%, 35%, 45%
CMY	0.5005, 0.6457, 0.5476
CMYK	0.00, 0.29, 0.09, 0.50
HSL	319°, 17%, 43%
HSV	319°, 29%, 50%
XYZ	15.6085, 13.1578, 18.0454
YIQ	103.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

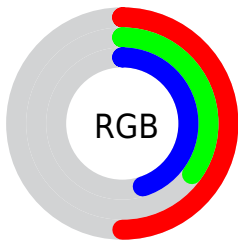
Format	Color
R_{YB}	127, 90, 115
Decimal	8346227
CIE _{Lab}	43.00, 19.50, -8.13
CIE _{LCh}	43, 21.125, 337.354
Yxy	13.1578, 0.3334, 0.2811
Android (android.graphics.Color)	4286536307 (0xFF7F5A73)
YUV	103.9130, 5.4659, 20.2473
Hunter-Lab	36.2736, 13.3293, -4.1040

Details

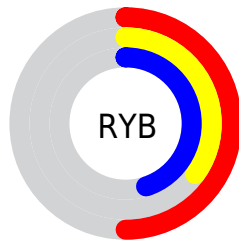
The CIELCh color $43, 21.125, 337.354$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 20.866, 153.029$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 21.395, 336.901$, and $23, 20.766, 337.306$ is the 20% darker color. If you saturate the color by 10%, you get $40, 28.291, 338.175$, and if you desaturate by 10%, it is $46, 13.821, 336.590$.

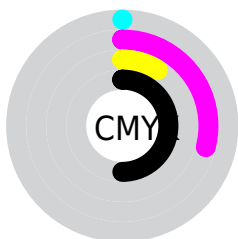
Distribution



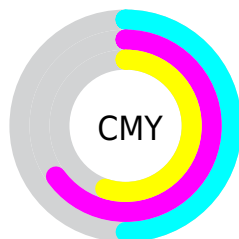
- Red (50%)
- Green (35%)
- Blue (45%)



- Red (50%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (50%)





- Cyan (50%)
- Magenta (65%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 21.125, 337.354 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, 21.125, 337.354 by changing the saturation by 10% instead.


 43, 21.125,
337.354


 43, 21.125,
337.354


 100, 21.125,
337.354


 33, 21.125,
337.354

 63, 21.125,
337.354


 23, 21.125,
337.354

 73, 21.125,
337.354

 13, 21.125,
337.354

 83, 21.125,
337.354

 3, 21.125, 337.354

 93, 21.125,
337.354

 0, 21.125, 337.354

 43, 21.125,

 43, 21.125,

337.354

40, 28.291,
338.175

37, 35.119,
339.068

34, 41.337,
340.056

32, 46.625,
341.174

30, 50.655,
342.474

28, 53.181,
344.024

27, 54.550,
345.799

27, 54.681,
345.964

337.354

46, 13.821,
336.590

50, 6.528, 335.860

54, 0.661, 155.609

57, 7.690, 154.639

61, 14.528,
154.035

65, 21.163,
153.474

69, 27.592,
152.949

73, 33.822,
152.456

76, 39.861,

Harmonies

Complementary

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



43, 21.125, 337.354



50, 20.866, 153.029

Rectangle

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



43, 21.125, 337.354



43, 21.125, 27.354



43, 21.125, 157.354



43, 21.125, 207.354

Sweetspot

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



43, 21.123, 337.355



64, 8.040, 335.871



41, 23.030, 304.241



33, 5.636, 335.962



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 21.123, 337.355



53, 31.499, 337.902



42, 16.434, 7.554



25, 4.063, 335.863



27, 54.720, 345.966



0, 0.000, 0.000

Inverse Universe

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



43, 21.123, 337.355



53, 31.499, 337.902



50, 14.554, 182.007



25, 4.063, 335.863



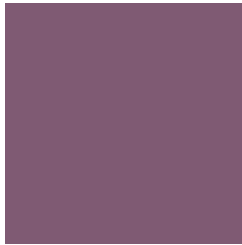
27, 54.720, 345.966



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 21.125, 337.354 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 CIE LCh color 43, 21.125, 337.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

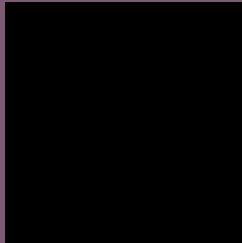
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 21.125, 337.354

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.125, 337.354.



This preview shows how white text looks on a background with the CIELCh color 43, 21.125, 337.354.

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, 21.125, 337.354

Protanopia

43, 12.689, 285.175

Deuteranopia

43, 9.497, 308.476



Tritanopia
43, 14.266, 4.433

Trichromacy



Original Color
43, 21.125, 337.354

Protanomaly
43, 14.581, 309.174

Deuteranomaly
43, 13.078, 325.249

Tritanomaly
43, 16.455, 351.262

Monochromacy



Original Color
43, 21.125, 337.354

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 7.626, 335.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.125, 337.354 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(127, 90, 115)` looks like.

```
.text, #text, p{  
    color:rgb(127, 90, 115)  
}
```

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(127, 90, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 90, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.125, 337.354 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(127, 90, 115) }
```

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

```
.border{ border-color:rgb(127, 90, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 90, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 90, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 90, 115); box-shadow:4px 4px 4px 4px rgb(127, 90, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.125, 337.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 90, 115) }
```

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

```
.background{ background-color: rgb(127, 90,  
115) }
```

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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