

Converting Colors

CIELCh(44, 14.393, 336.497)

Have a look what the booklet for
CIELCh(44, 14.393, 336.497)
contains.

| | |
|--|----|
| CIELCh(44, 14.393, 336.497) | 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(44, 14.393, 336.497)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7A6172 |
| RGB | 122, 97, 114 |
| RGB Percent | 48%, 38%, 45% |
| CMY | 0.5225, 0.6205, 0.5538 |
| CMYK | 0.00, 0.21, 0.07, 0.52 |
| HSL | 319°, 11%, 43% |
| HSV | 319°, 21%, 48% |
| XYZ | 15.2711, 13.8382, 17.7173 |
| YIQ | 106.4130, 9.4430, 10.5870 |

Conversions

Conversions Part 2

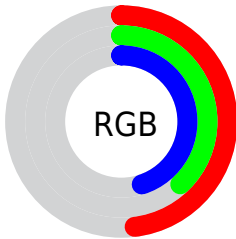
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 122, 97, 114 |
| Decimal | 8020338 |
| CIE _{Lab} | 44.00, 13.20, -5.74 |
| CIE _{LCh} | 44, 14.393, 336.497 |
| Yxy | 13.8382, 0.3261, 0.2955 |
| Android (android.graphics.Color) | 4286210418 (0xFF7A6172) |
| YUV | 106.4130, 3.7404, 13.6698 |
| Hunter-Lab | 37.1997, 8.1777, -2.1985 |

Details

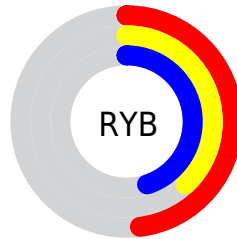
The CIELCh color $44, 14.393, 336.497$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 14.260, 153.619$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 14.385, 336.738$, and $24, 14.661, 336.497$ is the 20% darker color. If you saturate the color by 10%, you get $41, 21.441, 337.261$, and if you desaturate by 10%, it is $47, 7.334, 335.773$.

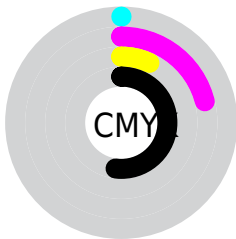
Distribution



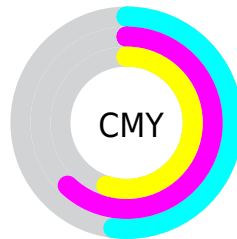
- Red (48%)
- Green (38%)
- Blue (45%)



- Red (48%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 14.393, 336.497 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 44, 14.393, 336.497 by changing the saturation by 10% instead.


 44, 14.393,
336.497


 44, 14.393,
336.497

 100, 14.393,
336.497

 34, 14.393,
336.497

 64, 14.393,
336.497


 24, 14.393,
336.497

 74, 14.393,
336.497

 14, 14.393,
336.497


 84, 14.393,
336.497

 4, 14.393, 336.497

 94, 14.393,
336.497

 0, 14.393, 336.497

 44, 14.393,

 44, 14.393,

336.497

336.497

41, 21.441,
337.261

47, 7.334, 335.773

38, 28.338,
338.080

51, 0.365, 334.483

35, 34.877,
338.970

55, 6.457, 154.551

32, 40.793,
339.955

58, 13.099,
153.943

30, 45.776,
341.070

62, 19.547,
153.381

28, 49.517,
342.367

65, 25.797,
152.854

27, 51.793,
343.912

69, 31.854,
152.359

26, 53.128,
345.532

73, 37.727,
151.893

76, 43.425,

Harmonies

Complementary

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



44, 14.393, 336.497



49, 14.260, 153.619

Rectangle

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



44, 14.393, 336.497



44, 14.393, 26.497



44, 14.393, 156.497



44, 14.393, 206.497

Sweetspot

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



44, 14.391, 336.498



63, 5.162, 335.454



43, 15.451, 303.635



32, 3.406, 335.490



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 14.391, 336.498



54, 21.743, 336.880



44, 10.958, 6.478



24, 3.938, 335.669



27, 54.095, 345.593



56, 90.144, 346.858

Inverse Universe

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



44, 14.391, 336.498



54, 21.743, 336.880



49, 10.084, 182.810



24, 3.938, 335.669



27, 54.095, 345.593



56, 90.144, 346.858

Previews

White Background



This preview shows how the CIELCh color 44, 14.393, 336.497 looks on a white background.

Color Contrast Check

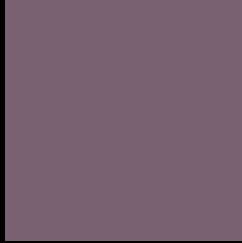
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 14.393, 336.497 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 44, 14.393, 336.497

Background



This preview shows how black text looks on a background with the CIELCh color 44, 14.393, 336.497.



This preview shows how white text looks on a background with the CIELCh color 44, 14.393, 336.497.

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


44, 14.393, 336.497

Protanopia

44, 8.997, 288.988

Deuteranopia

44, 8.099, 317.708



Tritanopia
44, 10.736, 354.503

Trichromacy



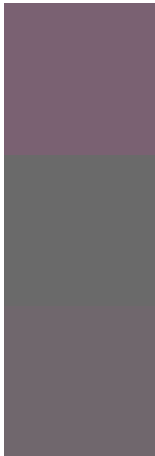
Original Color
44, 14.393, 336.497

Protanomaly
44, 9.590, 310.756

Deuteranomaly
44, 10.404, 326.974

Tritanomaly
44, 11.570, 346.436

Monochromacy



Original Color
44, 14.393, 336.497

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 5.170, 336.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 14.393, 336.497 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(122, 97, 114)` looks like.

```
.text, #text, p{  
    color:rgb(122, 97, 114)  
}
```

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(122, 97, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 97, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 14.393, 336.497 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(122, 97, 114) }
```

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

```
.border{ border-color:rgb(122, 97, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 97, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 97, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 97, 114);  
box-shadow:4px 4px 4px 4px rgb(122, 97,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 14.393, 336.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 97, 114) }
```

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

```
.background{ background-color: rgb(122, 97,  
114) }
```

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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