

Converting Colors

CIELCh(44, 31.889, 337.885)

Have a look what the booklet for
CIELCh(44, 31.889, 337.885)
contains.

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Color

CIELCh(44, 31.264, 338.104)

Conversions

Conversions Part 1

Format	Color
Hex	8E567C
RGB	142, 86, 124
RGB Percent	56%, 34%, 49%
CMY	0.4435, 0.6631, 0.5141
CMYK	0.00, 0.39, 0.13, 0.44
HSL	319°, 25%, 45%
HSV	319°, 39%, 56%
XYZ	18.0937, 13.8382, 20.7577
YIQ	107.0760, 21.1780, 23.6900

Conversions

Conversions Part 2

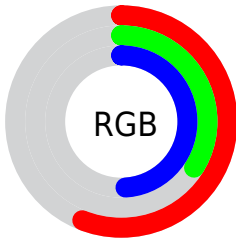
Format	Color
RYB	142, 86, 124
Decimal	9328252
CIELab	44.00, 29.01, -11.66
CIElCh	44, 31.264, 338.104
Yxy	13.8382, 0.3434, 0.2626
Android (android.graphics.Color)	4287518332 (0xFF8E567C)
YUV	107.0760, 8.3435, 30.6283
Hunter-Lab	37.1997, 21.7218, -7.0444

Details

The CIELCh color $44, 31.264, 338.104$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 30.837, 151.815$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 31.404, 337.954$, and $24, 31.386, 337.962$ is the 20% darker color. If you saturate the color by 10%, you get $41, 38.691, 339.007$, and if you desaturate by 10%, it is $48, 23.436, 337.275$.

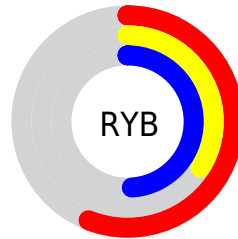
Distribution



Red (56%)

Green (34%)

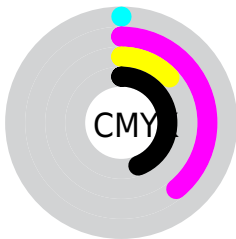
Blue (49%)



Red (56%)

Yellow (34%)

Blue (49%)

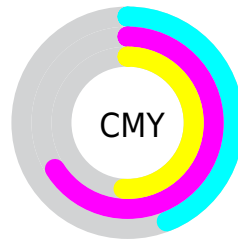


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (44%)



Cyan (44%)


Magenta (66%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 31.264, 338.104 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, 31.264, 338.104 by changing the saturation by 10% instead.


 44, 31.264,
338.104


 44, 31.264,
338.104


 100, 31.264,
338.104


 34, 31.264,
338.104

 64, 31.264,
338.104


 24, 31.264,
338.104

 74, 31.264,
338.104

 14, 31.264,
338.104


 84, 31.264,
338.104

 4, 31.264, 338.104

 94, 31.264,
338.104

 0, 31.264, 338.104

 44, 31.264,

 44, 31.264,

338.104

338.104

41, 38.691,
339.007

48, 23.436,
337.275

38, 45.414,
340.008

51, 15.446,
336.503

35, 51.071,
341.144

55, 7.458, 335.767

33, 55.302,
342.468

59, 0.420, 155.770

63, 8.123, 154.532

32, 57.848,
344.051

67, 15.617,
153.921

31, 59.060,
345.884

72, 22.885,
153.356

31, 59.125,
345.984

76, 29.927,
152.827

80, 36.749,

Harmonies

Complementary

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



44, 31.264, 338.104



54, 30.837, 151.815

Rectangle

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



44, 31.264, 338.104



44, 31.264, 28.104



44, 31.264, 158.104



44, 31.264, 208.104

Sweetspot

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



44, 31.262, 338.105



69, 11.705, 335.971



40, 34.729, 305.073



35, 7.742, 336.051



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



44, 31.262, 338.105



53, 45.485, 338.869



43, 24.900, 9.166



28, 4.476, 335.748



29, 57.115, 345.877



1, 3.000, 335.162

Inverse Universe

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



44, 31.262, 338.105



53, 45.485, 338.869



55, 20.974, 180.955



28, 4.476, 335.748



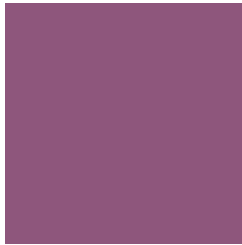
29, 57.115, 345.877



1, 3.000, 335.162

Previews

White Background



This preview shows how the CIELCh color 44, 31.264, 338.104 looks on a white background.

Color Contrast Check

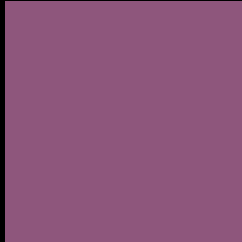
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 31.264, 338.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

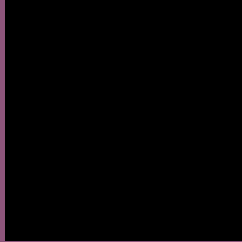
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 31.264, 338.104

Background



This preview shows how black text looks on a background with the CIELCh color 44, 31.264, 338.104.



This preview shows how white text looks on a background with the CIELCh color 44, 31.264, 338.104.

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, 31.264, 338.104

Protanopia

44, 19.848, 285.760

Deuteranopia

44, 11.593, 301.398



Tritanopia
44, 21.139, 11.226

Trichromacy



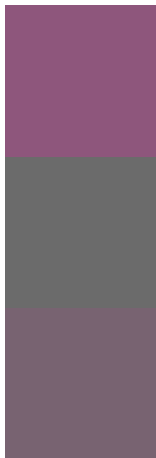
Original Color
44, 31.264, 338.104

Protanomaly
44, 21.955, 308.850

Deuteranomaly
44, 18.280, 323.366

Tritanomaly
44, 23.721, 356.360

Monochromacy



Original Color
44, 31.264, 338.104

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 11.996, 336.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 31.264, 338.104 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(142, 86, 124)` looks like.

```
.text, #text, p{  
    color:rgb(142, 86, 124)  
}
```

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(142, 86, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 86, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 31.264, 338.104 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(142, 86, 124) }
```

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

```
.border{ border-color:rgb(142, 86, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 86, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 86, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 86, 124);  
box-shadow:4px 4px 4px 4px rgb(142, 86,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 31.264, 338.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 86, 124) }
```

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

```
.background{ background-color: rgb(142, 86,  
124) }
```

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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