

Converting Colors

CIELCh(44, 20.488, 324.693)

Have a look what the booklet for
CIELCh(44, 20.488, 324.693)
contains.

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Color

CIELCh(44, 20.583, 324.685)

Conversions

Conversions Part 1

Format	Color
Hex	7B5F7C
RGB	123, 95, 124
RGB Percent	48%, 37%, 49%
CMY	0.5178, 0.6276, 0.5139
CMYK	0.01, 0.23, 0.00, 0.51
HSL	298°, 13%, 43%
HSV	298°, 23%, 49%
XYZ	15.8853, 13.8382, 20.8875
YIQ	106.6780, 7.3790, 14.9550

Conversions

Conversions Part 2

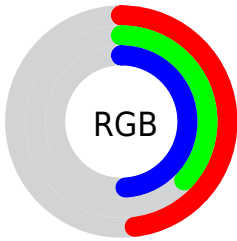
Format	Color
RYB	123, 95, 124
Decimal	8085372
CIELab	44.00, 16.80, -11.90
CIElCh	44, 20.583, 324.685
Yxy	13.8382, 0.3139, 0.2734
Android (android.graphics.Color)	4286275452 (0xFF7B5F7C)
YUV	106.6780, 8.5397, 14.3144
Hunter-Lab	37.1997, 11.1250, -7.2512

Details

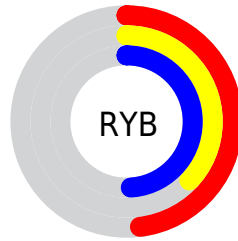
The CIELCh color $44, 20.583, 324.685$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 20.541, 142.128$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 20.608, 324.479$, and $24, 20.865, 325.117$ is the 20% darker color. If you saturate the color by 10%, you get $41, 29.327, 325.174$, and if you desaturate by 10%, it is $47, 11.747, 324.178$.

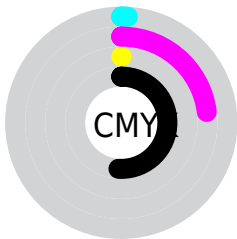
Distribution



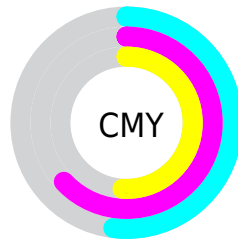
- Red (48%)
- Green (37%)
- Blue (49%)



- Red (48%)
- Yellow (37%)
- Blue (49%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 20.583, 324.685 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, 20.583, 324.685 by changing the saturation by 10% instead.


 44, 20.583,
324.685

 44, 20.583,
324.685


 100, 20.583,
324.685

 34, 20.583,
324.685

 64, 20.583,
324.685


 24, 20.583,
324.685

 74, 20.583,
324.685

 14, 20.583,
324.685

 84, 20.583,
324.685

 4, 20.583, 324.685

 94, 20.583,
324.685

 0, 20.583, 324.685

 44, 20.583,

 44, 20.583,

324.685

41, 29.327,
325.174

38, 37.792,
325.633

35, 45.728,
326.046

33, 52.834,
326.395

31, 58.787,
326.662

29, 63.306,
326.832

28, 66.252,
326.898

28, 67.849,
326.921

324.685

47, 11.747,
324.178

51, 2.959, 323.632

54, 5.691, 143.227

58, 14.148,
142.728

62, 22.378,
142.263

65, 30.368,
141.823

69, 38.113,
141.408

73, 45.618,
141.019

■ 76, 52.889,
140.656

Harmonies

Complementary

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



44, 20.583, 324.685



49, 20.541, 142.128

Rectangle

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



44, 20.583, 324.685



44, 20.583, 14.685



44, 20.583, 144.685



44, 20.583, 194.685

Sweetspot

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



44, 20.581, 324.685



63, 7.564, 323.852



42, 16.683, 290.772



33, 4.955, 323.875



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 20.581, 324.685



54, 30.450, 324.946



44, 15.260, 342.929



24, 4.878, 323.953



28, 68.240, 326.920



58, 114.884, 326.850

Inverse Universe

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



43, 12.590, 18.379



53, 18.969, 18.960



49, 14.932, 159.138



24, 2.852, 17.072



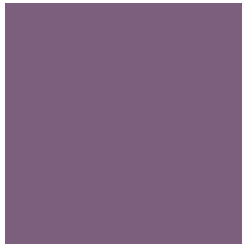
25, 59.088, 36.809



53, 102.448, 39.052

Previews

White Background



This preview shows how the CIE LCh color 44, 20.583, 324.685 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, 20.583, 324.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

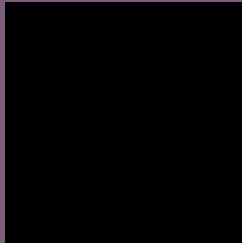
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 20.583, 324.685

Background



This preview shows how black text looks on a background with the CIELCh color 44, 20.583, 324.685.



This preview shows how white text looks on a background with the CIELCh color 44, 20.583, 324.685.

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, 20.583, 324.685

Protanopia

44, 16.236, 285.989

Deuteranopia

44, 12.674, 297.149



Tritanopia
44, 10.359, 353.386

Trichromacy



Original Color
44, 20.583, 324.685

Protanomaly
44, 17.076, 301.391

Deuteranomaly
44, 15.337, 311.341

Tritanomaly
44, 13.706, 337.027

Monochromacy



Original Color
44, 20.583, 324.685

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 7.254, 324.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 20.583, 324.685 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(123, 95, 124)` looks like.

```
.text, #text, p{  
    color:rgb(123, 95, 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(123, 95, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 95, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 20.583, 324.685 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(123, 95, 124) }
```

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

```
.border{ border-color:rgb(123, 95, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 95, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 95, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 95, 124);  
box-shadow:4px 4px 4px 4px rgb(123, 95,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 20.583, 324.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 95, 124) }
```

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

```
.background{ background-color: rgb(123, 95,  
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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