

Converting Colors

CIELCh(44, 22.148, 325.628)

Have a look what the booklet for
CIELCh(44, 22.148, 325.628)
contains.

CIELCh(44, 22.187, 325.731)	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, 22.187, 325.731)

Conversions

Conversions Part 1

Format	Color
Hex	7D5E7D
RGB	125, 94, 125
RGB Percent	49%, 37%, 49%
CMY	0.5099, 0.6315, 0.5099
CMYK	0.00, 0.25, 0.00, 0.51
HSL	300°, 14%, 43%
HSV	300°, 25%, 49%
XYZ	16.1533, 13.8382, 21.2122
YIQ	106.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

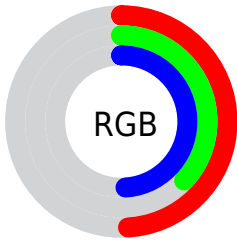
Format	Color
R_{YB}	125, 94, 125
Decimal	8216189
CIE _{Lab}	44.00, 18.34, -12.49
CIE _{LCh}	44, 22.187, 325.731
Yxy	13.8382, 0.3155, 0.2703
Android (android.graphics.Color)	4286406269 (0xFF7D5E7D)
YUV	106.8030, 8.9711, 15.9588
Hunter-Lab	37.1997, 12.4108, -7.7687

Details

The CIELCh color $44, 22.187, 325.731$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 22.176, 142.869$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 22.131, 325.434$, and $24, 22.541, 326.289$ is the 20% darker color. If you saturate the color by 10%, you get $41, 31.017, 326.239$, and if you desaturate by 10%, it is $47, 13.218, 325.205$.

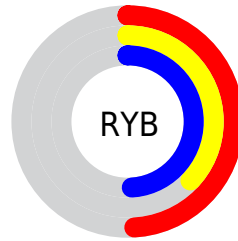
Distribution



Red (49%)

Green (37%)

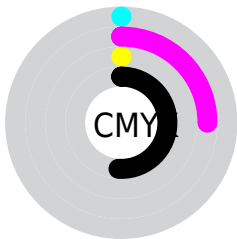
Blue (49%)



Red (49%)

Yellow (37%)

Blue (49%)

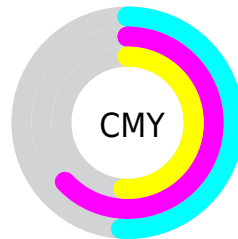


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (51%)



Cyan (51%)


Magenta (63%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 22.187, 325.731 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, 22.187, 325.731 by changing the saturation by 10% instead.


 44, 22.187,
325.731


 44, 22.187,
325.731


 100, 22.187,
325.731


 34, 22.187,
325.731

 64, 22.187,
325.731


 24, 22.187,
325.731

 74, 22.187,
325.731

 14, 22.187,
325.731

 84, 22.187,
325.731

 4, 22.187, 325.731

 94, 22.187,
325.731

 0, 22.187, 325.731

 44, 22.187,

 44, 22.187,

325.731

41, 31.017,
326.239

38, 39.501,
326.716

35, 47.372,
327.148

33, 54.319,
327.520

31, 60.028,
327.819

30, 64.248,
328.036

29, 66.934,
328.172

29, 68.140,
328.232

325.731

47, 13.218,
325.205

51, 4.267, 324.651

54, 4.562, 144.214


58, 13.203,
143.681

61, 21.617,
143.187

65, 29.783,
142.718

69, 37.695,
142.274

72, 45.356,
141.856

 76, 52.773,
141.465

Harmonies

Complementary

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



44, 22.187, 325.731



49, 22.176, 142.869

Rectangle

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



44, 22.187, 325.731



44, 22.187, 15.731



44, 22.187, 145.731



44, 22.187, 195.731

Sweetspot

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



44, 22.185, 325.731



64, 7.746, 324.789



41, 18.512, 292.312



33, 5.009, 324.813



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, 22.185, 325.731



55, 33.333, 326.035



43, 15.957, 344.850



25, 5.102, 324.897



30, 69.130, 328.232



0, 0.000, 0.000

Inverse Universe

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



43, 13.551, 21.206



53, 20.831, 21.842



50, 15.528, 160.665



25, 2.951, 19.874



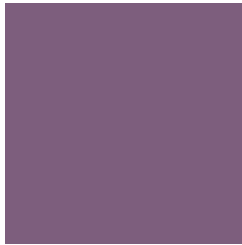
25, 61.101, 38.346



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 22.187, 325.731 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, 22.187, 325.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

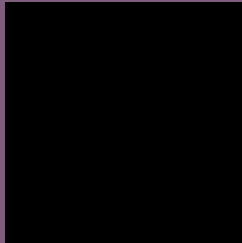
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 22.187, 325.731

Background



This preview shows how black text looks on a background with the CIELCh color 44, 22.187, 325.731.



This preview shows how white text looks on a background with the CIELCh color 44, 22.187, 325.731.

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, 22.187, 325.731

Protanopia

44, 16.862, 285.114

Deuteranopia

44, 12.674, 297.149



Tritanopia
44, 10.905, 358.426

Trichromacy



Original Color
44, 22.187, 325.731

Protanomaly
44, 17.666, 301.137

Deuteranomaly
44, 15.900, 310.643

Tritanomaly
44, 13.931, 341.349

Monochromacy



Original Color
44, 22.187, 325.731

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 8.698, 324.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 22.187, 325.731 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(125, 94, 125)` looks like.

```
.text, #text, p{  
    color:rgb(125, 94, 125)  
}
```

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(125, 94, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 94, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 22.187, 325.731 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(125, 94, 125) }
```

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

```
.border{ border-color:rgb(125, 94, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 94, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 94, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 94, 125); box-shadow:4px 4px 4px 4px rgb(125, 94, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 22.187, 325.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 94, 125) }
```

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

```
.background{ background-color: rgb(125, 94,  
125) }
```

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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