

Converting Colors

CIELCh(75, 22.656, 355.063)

Have a look what the booklet for
CIELCh(75, 22.656, 355.063)
contains.

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Color

CIELCh(75, 22.749, 354.944)

Conversions

Conversions Part 1

Format	Color
Hex	E0AABD
RGB	224, 170, 189
RGB Percent	88%, 67%, 74%
CMY	0.1215, 0.3333, 0.2588
CMYK	0.00, 0.24, 0.16, 0.12
HSL	339°, 47%, 77%
HSV	339°, 24%, 88%
XYZ	54.3081, 48.2781, 54.6076
YIQ	188.3120, 26.0850, 17.3570

Conversions

Conversions Part 2

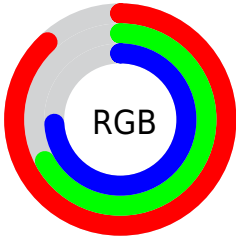
Format	Color
R _Y B	224, 170, 189
Decimal	14723773
CIE Lab	75.00, 22.66, -2.00
CIE LCh	75, 22.749, 354.944
Yxy	48.2781, 0.3455, 0.3071
Android (android.graphics.Color)	4292913853 (0xFFE0AABD)
YUV	188.3120, 0.3392, 31.2984
Hunter-Lab	69.4824, 17.9229, 2.0405

Details

The CIELCh color **75, 22.749, 354.944** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 21.465, 170.155**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.243, 336.953**, and **55, 23.043, 354.289** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.530, 356.279**, and if you desaturate by 10%, it is **81, 13.107, 353.796**.

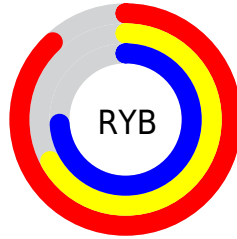
Distribution



Red (88%)

Green (67%)

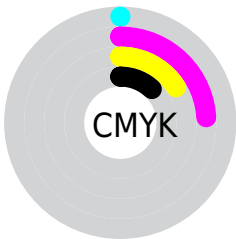
Blue (74%)



Red (88%)

Yellow (67%)

Blue (74%)

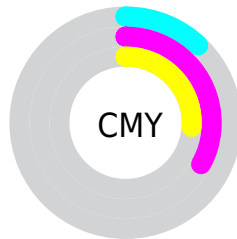


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (33%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.749, 354.944 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 75, 22.749, 354.944 by changing the saturation by 10% instead.

 75, 22.749,
354.944


 75, 22.749,
354.944


 100, 22.749,
354.944


 65, 22.749,
354.944


 95, 22.749,
354.944

 55, 22.749,
354.944

 45, 22.749,
354.944

 35, 22.749,
354.944

 25, 22.749,
354.944

 15, 22.749,
354.944

 5, 22.749, 354.944

0, 22.749, 354.944

75, 22.749,
354.944

75, 22.749,
354.944

69, 32.530,
356.279

81, 13.107,
353.796

64, 42.229,
357.865

87, 3.748, 352.712

59, 51.508,
359.797

93, 5.262, 172.066

98, 11.453,
178.065

55, 59.928, 2.204

52, 67.024, 5.252

98, 10.495,
198.806

50, 72.458, 9.120

48, 76.240, 13.931

■ 48, 78.066, 17.071

Harmonies

Complementary

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



75, 22.749, 354.944



85, 21.465, 170.155

Rectangle

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



75, 22.749, 354.944



75, 22.749, 44.944



75, 22.749, 174.944



75, 22.749, 224.944

Sweetspot

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



75, 22.746, 354.947



95, 7.137, 353.046



74, 31.670, 314.623



50, 4.643, 353.111



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 22.746, 354.947



81, 30.588, 355.600



76, 18.889, 32.545



44, 5.242, 353.300



37, 64.948, 16.086



6, 25.489, 4.754

Inverse Universe

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



75, 22.746, 354.947



81, 30.588, 355.600



84, 15.976, 212.227



44, 5.242, 353.300



37, 64.948, 16.086



6, 25.489, 4.754

Previews

White Background



This preview shows how the CIELCh color 75, 22.749, 354.944 looks on a white background.

Color Contrast Check

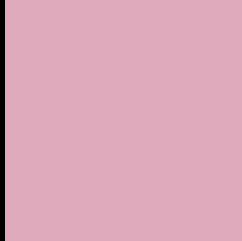
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 22.749, 354.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

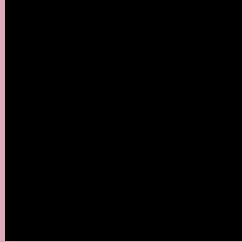
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.749, 354.944

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.749, 354.944.



This preview shows how white text looks on a background with the CIELCh color 75, 22.749, 354.944.

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


75, 22.749, 354.944

Protanopia

75, 7.038, 293.783

Deuteranopia

75, 9.661, 353.760



Tritanopia
75, 20.990, 1.978

Trichromacy



Original Color
75, 22.749, 354.944

Protanomaly
75, 10.999, 332.961

Deuteranomaly
75, 14.334, 353.943

Tritanomaly
75, 21.292, 359.212

Monochromacy



Original Color
75, 22.749, 354.944

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.397, 353.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.749, 354.944 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(224, 170, 189)` looks like.

```
.text, #text, p{  
    color:rgb(224, 170, 189)  
}
```

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(224, 170, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 170, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.749, 354.944 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(224, 170, 189) }
```

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

```
.border{ border-color:rgb(224, 170, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 170, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 170, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 170, 189);  
box-shadow:4px 4px 4px 4px rgb(224, 170,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.749, 354.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 170, 189) }
```

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

```
.background{ background-color: rgb(224,  
170, 189) }
```

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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