

Converting Colors

CIELCh(76, 26.794, 327.410)

Have a look what the booklet for
CIELCh(76, 26.794, 327.410)
contains.

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Color

CIELCh(76, 26.514, 327.493)

Conversions

Conversions Part 1

Format	Color
Hex	D9AED6
RGB	217, 174, 214
RGB Percent	85%, 68%, 84%
CMY	0.1490, 0.3176, 0.1607
CMYK	0.00, 0.20, 0.01, 0.15
HSL	304°, 36%, 77%
HSV	304°, 20%, 85%
XYZ	55.8979, 49.8872, 70.3112
YIQ	191.4170, 12.7880, 21.5560

Conversions

Conversions Part 2

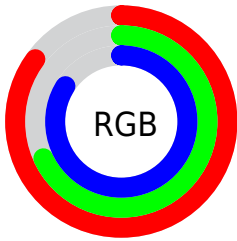
Format	Color
R _Y B	217, 174, 214
Decimal	14266070
CIE Lab	76.00, 22.36, -14.25
CIE LCh	76, 26.514, 327.493
Yxy	49.8872, 0.3174, 0.2833
Android (android.graphics.Color)	4292456150 (0xFFD9AED6)
YUV	191.4170, 11.1334, 22.4363
Hunter-Lab	70.6309, 17.6624, -9.5800

Details

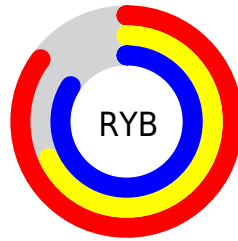
The CIELCh color $76, 26.514, 327.493$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 26.478, 145.081$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $56, 26.637, 327.883$ is the 20% darker color. If you saturate the color by 10%, you get $71, 39.849, 328.068$, and if you desaturate by 10%, it is $81, 13.079, 326.909$.

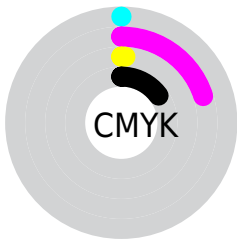
Distribution



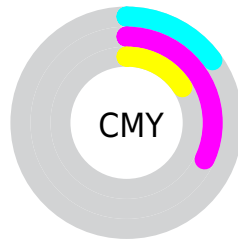
- Red (85%)
- Green (68%)
- Blue (84%)



- Red (85%)
- Yellow (68%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (15%)




- Cyan (15%)
- Magenta (32%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 26.514, 327.493 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 76, 26.514, 327.493 by changing the saturation by 10% instead.

 76, 26.514,
327.493

 76, 26.514,
327.493

 100, 26.514,
327.493

 66, 26.514,
327.493

 96, 26.514,
327.493

 56, 26.514,
327.493

 46, 26.514,
327.493

 36, 26.514,
327.493

 26, 26.514,
327.493

 16, 26.514,
327.493

 6, 26.514, 327.493

0, 26.514, 327.493

76, 26.514,
327.493

76, 26.514,
327.493

71, 39.849,
328.068

81, 13.079,
326.909

66, 52.783,
328.629

87, 0.238, 147.593

62, 64.901,
329.166

92, 13.303,
145.838

58, 75.694,
329.668

97, 22.485,
145.748

55, 84.613,
330.126

97, 21.862,
146.940

53, 91.176,
330.538

97, 21.248,
148.199

■ 51, 95.123,
330.907

■ 97, 20.643,
149.529

■ 51, 96.786,
331.247

■ 97, 20.048,
150.935

■ 51, 96.811,
331.254

■ 97, 19.465,
152.423

Harmonies

Complementary

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



76, 26.514, 327.493



83, 26.478, 145.081

Rectangle

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



76, 26.514, 327.493



76, 26.514, 17.493



76, 26.514, 147.493



76, 26.514, 197.493

Sweetspot

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



76, 26.512, 327.493



96, 9.094, 326.682



73, 23.453, 294.777



51, 6.035, 326.723



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 26.512, 327.493



85, 36.613, 327.748



75, 18.938, 349.251



43, 7.629, 326.887



40, 81.959, 331.205



7, 32.916, 330.589

Inverse Universe

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



76, 26.512, 327.493



85, 36.613, 327.748



83, 18.310, 165.608



43, 7.629, 326.887



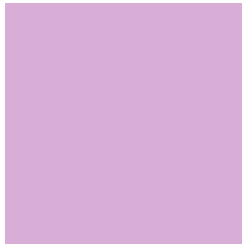
40, 81.959, 331.205



7, 32.916, 330.589

Previews

White Background



This preview shows how the CIELCh color 76, 26.514, 327.493 looks on a white background.

Color Contrast Check

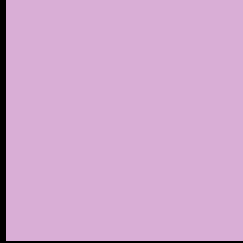
Large Text (above 18pt) WCAG AA × Fail

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 76, 26.514, 327.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

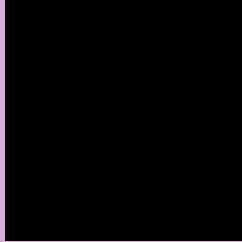
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 26.514, 327.493

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.514, 327.493.



This preview shows how white text looks on a background with the CIELCh color 76, 26.514, 327.493.

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

76, 26.514, 327.493

Protanopia

76, 19.450, 285.981

Deuteranopia

76, 16.174, 305.473



Tritanopia
76, 15.437, 351.684

Trichromacy



Original Color
76, 26.514, 327.493

Protanomaly
76, 20.392, 302.761

Deuteranomaly
76, 19.519, 315.312

Tritanomaly
76, 18.698, 339.740

Monochromacy



Original Color
76, 26.514, 327.493

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.361, 326.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.514, 327.493 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(217, 174, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 214)  
}
```

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(217, 174, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.514, 327.493 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(217, 174, 214) }
```

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

```
.border{ border-color:rgb(217, 174, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.514, 327.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 214) }
```

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

```
.background{ background-color: rgb(217,  
174, 214) }
```

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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