

Converting Colors

CIELCh(75, 21.140, 21.256)

Have a look what the booklet for
CIELCh(75, 21.140, 21.256) contains.

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Color

CIELCh(75, 21.206, 21.239)

Conversions

Conversions Part 1

Format	Color
Hex	E1ABAB
RGB	225, 171, 171
RGB Percent	88%, 67%, 67%
CMY	0.1162, 0.3280, 0.3280
CMYK	0.00, 0.24, 0.24, 0.12
HSL	0°, 48%, 78%
HSV	0°, 24%, 88%
XYZ	53.1793, 48.2781, 45.2171
YIQ	187.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

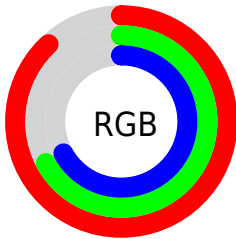
Format	Color
R _Y B	225, 171, 171
Decimal	14789547
CIE Lab	75.00, 19.77, 7.68
CIE LCh	75, 21.206, 21.239
Yxy	48.2781, 0.3626, 0.3292
Android (android.graphics.Color)	4292979627 (0xFFE1ABAB)
YUV	187.1460, -7.9600, 33.1980
Hunter-Lab	69.4824, 15.0229, 10.0535

Details

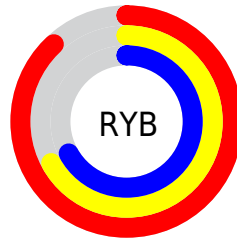
The CIELCh color **75, 21.206, 21.239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 18.057, 198.209**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.236, 22.930**, and **55, 21.514, 20.381** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.194, 22.446**, and if you desaturate by 10%, it is **81, 11.884, 20.310**.

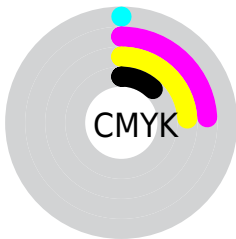
Distribution



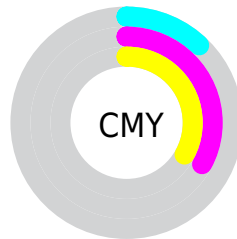
- Red (88%)
- Green (67%)
- Blue (67%)



- Red (88%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 21.206, 21.239 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, 21.206, 21.239 by changing the saturation by 10% instead.

75, 21.206, 21.239

75, 21.206, 21.239

100, 21.206,
21.239

65, 21.206, 21.239

95, 21.206, 21.239

55, 21.206, 21.239

45, 21.206, 21.239

35, 21.206, 21.239

25, 21.206, 21.239

15, 21.206, 21.239

5, 21.206, 21.239

0, 21.206, 21.239

75, 21.206, 21.239

75, 21.206, 21.239

69, 31.194, 22.446

81, 11.884, 20.310

64, 41.770, 24.014

87, 3.247, 19.470

59, 52.749, 26.061

93, 4.736, 199.233

55, 63.841, 28.688

98, 10.050,
198.837

51, 74.636, 31.918

49, 84.503, 35.508

47, 92.089, 38.632

47, 95.254, 40.001

Harmonies

Complementary

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



75, 21.206, 21.239



86, 18.057, 198.209

Rectangle

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



75, 21.206, 21.239



75, 21.206, 71.239



75, 21.206, 201.239



75, 21.206, 251.239

Sweetspot

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



75, 21.204, 21.245



95, 6.404, 19.750



77, 34.681, 325.747



50, 4.171, 19.800



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, 21.204, 21.245



81, 28.925, 21.834



82, 17.861, 72.433



44, 4.727, 19.943



36, 79.112, 39.954



6, 25.539, 20.944

Inverse Universe

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



86, 18.057, 198.209



95, 23.687, 197.968



79, 16.740, 259.004



46, 4.454, 198.981



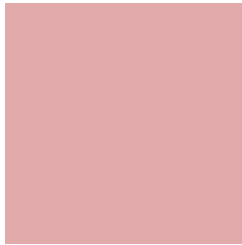
65, 37.933, 196.404



17, 15.583, 196.401

Previews

White Background



This preview shows how the CIELCh color 75, 21.206, 21.239 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, 21.206, 21.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

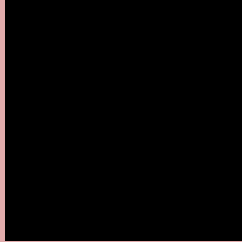
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 21.206, 21.239

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.206, 21.239.



This preview shows how white text looks on a background with the CIELCh color 75, 21.206, 21.239.

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, 21.206, 21.239

Protanopia

75, 3.927, 74.571

Deuteranopia

75, 12.495, 40.300



Tritanopia
75, 22.857, 3.829

Trichromacy



Original Color
75, 21.206, 21.239

Protanomaly
75, 9.356, 29.994

Deuteranomaly
75, 15.257, 32.701

Tritanomaly
75, 22.105, 8.866

Monochromacy



Original Color
75, 21.206, 21.239

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.581, 19.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.206, 21.239 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(225, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 171)  
}
```

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(225, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.206, 21.239 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(225, 171, 171) }
```

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

```
.border{ border-color:rgb(225, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.206, 21.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 171) }
```

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

```
.background{ background-color: rgb(225,  
171, 171) }
```

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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