

	X	Y	Z
separator			
! (transpose) / permute	rot90	system	full
for	repmat	repelem (run-length decoding)	blanks
# specify outputs	display stack (debug)	sound, soundsc, audiowrite	fopen, fwrite, fclose
\$ specify inputs		char(vpa(...))	fopen, fread, fclose
% comment	class	cast	typecast
& alternative default input/output spec	intersect	and	bitand
Not used. String delimiter		run-length encoding	now / clock
() assignment indexing	{ } assignment indexing	() assignment ind. with final :	() assignment ind. with initial :
() reference indexing / split	{ } reference indexing	() reference ind. with final : / split	() reference ind. with initial : / split
*	kron	matrix product	Cartesian product
+		conv2	conv2(..., 'same') / cconv
do twice	cos	sin	tan
-	setdiff	deconv	
break	continue	pause	bitget
/	angle	right matrix divide	unwrap
Not used	predefined literals	predefined literals	
Not used	predefined literals	predefined literals	
Not used	predefined literals	predefined literals	
Not used	predefined literals	predefined literals	
Not used	predefined literals	predefined literals	
Not used	predefined literals	predefined literals	
Not used	predefined literals	predefined literals	
Not used	predefined literals		
Not used	predefined literals		
:	linearize array	comma-separated list	bitset
;	acos	asin	atan2
<	min	cummin	
==	isequal	strcmp	
>	max	cummax	
? if		why	sparse
@ "for" / "do twice" value / "while" index	"for" index	perms	randperm
all	all(..., 1)	dec2base. Larger base, any symbols	base2dec. Larger base, any symbols
B logical(dec2bin(...)-'0')	bin2dec(char(...+'0'))	dec2bin	bin2dec
C		im2col	im2col(..., 'distinct')
D disp(num2str(..., ...)) / mat2str	disp(num2str(...))	sprintf / fprintf	disp
E multiply by 2	replace elements in array		
Not used. False (literal)		exponents of prime factorization	fft, nfft
G Paste from clipboard G (user-input)	plot	imwrite / imagesc / image / imshow	appearance of graphics / format
H Paste from clipboard H	Copy to clipboard H		
I Paste from clipboard I	Copy to clipboard I	col2im	image processing functions
J Paste from clipboard J	Copy to clipboard J		
K Paste from clipboard K	Copy to clipboard K		
L Paste from clipboard L (multi-level)	Copy to clipboard L (multi-level)	gallery	
M Paste from clipboard M (function-input)	mode		
stack size	nchoosek (array)	NaN	isnan
O zeros	datestr	datetime	datevec
P flip	flipud	pi	pdist2
Q increment by 1	accumarray	rat	polyval / roots / polyfit / inpolygon
R triu	triu(...,1) / build matrix	tril	tril(...,1) / build matrix
S sort	sortrows	circshift	sign / fftshift
T Not used. True (literal)		toeplitz	
U str2num / string to array / square	str2double		
V num2str			
W 2 raised to input			
X Not used	regexp	regexprep	
Y Not used		inf	isinf
Z Not used			
[Not used. Array delimiter	ind2sub		
l mod	mod(...-1)+1	left matrix divide	divisors
] end (loops or conditional branches)	sub2ind		
^	sqrt	matrix power, or sum of matrix powers	Cartesian power
- unary minus / normalize uint8			
do...while	while	tic	toc
a any	any(..., 1)	padarray / unpad array	base2base
b bubble		strsplit	
c char (also for cell array)	cat	strcat	strjoin / convert to '#' and char 0
d diff	diag / spdiags	blkdiag	gcd
e reshape / squeeze		expm / logical "infinite" graph power	exp
f find	strfind	factor	
g logical / cell2mat	ndgrid	gamma / gammaln / betainc	gammaln / betaln
h horzcat	{...,...}	hankel	hypergeom
i input	urlread	imread	
j input(...,'s')	real	imag	conj / real and imag
k lower / floor	upper / ceil	closest values	
l ones	clamp (limit to a range)	log. With two inputs, specifies base	log2
m ismember	ismember(...,'rows')	mean	lcm
n numel / size	nchoosek (numbers) / multinomial c.	poly / interp1	
o double / cell array to numeric / parity	int64	round / change case	fix
p prod	prod(..., 1, ...)	cumprod	isprime / totient function
q decrement by 1	quantile	n-th prime / next prime	primes
r rand	randn	randi	randsample
s sum	sum(..., 1, ...)	cumsum	std / cov / skewness / kurtosis
t duplicate elements			strrep
u unique	unique(...,'rows')		strjust
v vertcat		eig / svd / strtrim	symmetric range / array / deblank
w swap			
x delete from stack	clc		
y duplicate element	eye	hypot	size
z nnz	nonzeros / remove whitespace		
Not used. Cell array delimiter	num2cell	mat2cell	mat2cell(x,ones(size(x,1),1),size(x,2))
abs / norm / determinant	union	or	bitor
else / finally			split array
~ Not	setxor	xor	bitxor